F24
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CREE FAMILY PRAYERS.

PM989
.M19

Wolf
100

Lang.

PM
989
M15
1881
SOA

ᑕᐦᑐ ᑭᓯᑲᐤ ᐊᔭᒥᐦᐋᐃᐧᓇ

FAMILY PRAYERS

For the use of the Cree Indians.

COMPILED AND

TRANSLATED INTO THE SYLLABIC CHARACTER

OF

THE CREE LANGUAGE

BY

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SOCIETY FOR PROMOTING CHRISTIAN KNOWLEDGE,
NORTHUMBERLAND AVENUE, CHARING CROSS, LONDON.

1881.

PM989
.M19

LONDON :
GILBERT AND RIVINGTON,
ST. JOHN'S SQUARE, CLERKENWELL.

ᖃᑭᓴᓱ ᐊᓗᒥᐃᑲᐃᓐ

¶ ᑭᐱᓗ ᓇᐃᐊᕐᕿᑐ ᓂᒃ ᑲᑕ ᓂᒃᒍᑦᓯᓂᐊᓐ ᐊ ᓗᒥᐃᑲᐃᓐ ᓂᒃᒍᓗ; ᐁᒃ· ᐃᒃ ᑲᑕ ᐊᓗᒥᐃᑦᓯᓂᐊᓐ ᐯᔾᔨ ᐱᐢᑭᐃᑦᓭᓇᐃᐃᒃ ᐊᐃ> ᓄᐃᑦᑯ ᐃᕐᓂᵡ ᑭᐃᑭ ᒪᓭᓇᐃᐃᒃ-ᓂˣ, ᐱᓂ ᐁ ᐃᓭ ᑲᐢ ᑭᐃᒋᓭ ᐅᑦᔾᒥᐃᑭᕐᑫᐤ; ᐁᒃ· ᐃᒃ ᑲᑕ ᐃᑌ·ᐤ

ᐁᒃ· ᐊᓗᒥᐃᐊᑦᕽ

¶ ᐃᒪᒪᐃ· ᑲᑕ ᐃᒋ·ᓂᐃ·ᐤ ᐅᒪ

ᓭᓪᓕᐊᑎᒃᓴᓭᓗᐊᓄ ᒥᓇ ᓇᐢᐱᐠ ᑫᓴᐊ·ᑎᓭᓗᐊᓄ ᐅᐃᒋᐃᐃᒪᐤ; ᓂ ᑭᐃ ᐊ·ᓂᐃᑎᓇᓄ ᒥᓇ ᓂ ᑭᐃ ᐊ·ᓇᐃᐊᐃᓇᓄ ᑭᐟ ᐃᑕᑎᓭᐃᐣ ᒋᐱᐢᑯ- ᐁ·ᓂᐃᐅᒋ·ᐃ· ᐃᓴᓄᐃᒃᓵ. ᓂ ᑭᐃ ᐱᒥᑎᔪᐃᐁᓇᓄ ᐅᓵᓴ ᒥᐢᑕᐃᐃ ᐁ ᐊᑎ ᐃᓭ ᐅᔪᓕᐢᑕᐃᒍᒪᒃᑭ ᒥᓇ ᐁ ᓇᑕᐁ·-ᓕᐃᑕᒍᒪᒃᑭ ᓂ ᑌ ᐃᐃᐃᓇᓇ. ᓂ ᑭᐃ ᐊ·ᓂᑐᑌᓇᓄ ᐁ ᒃᓇᑕᐃᑭ ᑯᓴᓭᐁ·ᐃ·ᓇ. ᓇᒪ ᓄᐃᑭ ᑐᑌᓇᓄ ᐊᓂᐃᐃ ᓂ ᒃ ᑭᐃ ᑐᑌᐃᒋᓄ ᐃᒃ ᓂ ᑭᐃ ᑐᑌᓇᓄ ᐊᓂᐃᐃ ᐁᒃ ᓂ ᒃ ᑭᐃ ᑐᑌᐃᒋᓄ; ᒥᓇ ᓇᒪ ᓂ ᑭᑭᓄᒃᑯᑯᓇᓄ ᒥᔪᒪᐃᑭᐃᐅᐃᐃᓐ. ᐃᒃ ᑭᓴ ᐅ ᑌᐯᓕᐃᑭᑫᓴᓄ

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ᐊᓴᓪᒪᐃᓐᓇᒃ ᐁ ᑭᑎᒪᑭ ᐊᓐᓂᑦᑎᓂᕐᒃ. ᒪᓇᑭᑦᐃᔨ ᐊᓂᑭ ᐅ ᒪᓂᑐ ᑲ ᐃᓐᑕᑦᑭᔨ ᐅ ᐊᓐᓂᑦᑎᐃᓐᓂᐊᓐᐊᓐ ᒥᓂᓐᑭᑦᐃᔨ ᐊᓂᑭ ᑲ <ᑲᓐᑕᑦᑭᔨ ᒪᒋᑎᑭᐃᓐ; ᑲ ᑭᑦ ᐃᓯ ᐊᓯᑕᒪᐊᓐᑭᔨ ᐊᓯᓯᓵᓂᐊᓐᔨ ᐃᓐᓴ X ᑭᓴᑐ ᑌᐯᓯᒥᑯᓂᕐᒃ ᐅᑦᑭ. ᒥᓇ ᒥᓯᓵᑐ ᐅ ᓵᑐᐱ- ᖃᓴᐊᓐᑎᓯᓴᑐ ᐅᑦᑕᐃᒪᓵ ᐃᓐᓴ ᐅᑦᑭ; ᑭᑕ ᑭ ᑲᓐᓴᑦᔨ ᐱᒪᑎᓯᑲᓂᕐᒃ ᒥᓇ ᑭᑕ ᐃᓯᓂᓯᐃᓐ ᐱᒪᑎᓯᑲᓂᕐᒃ ᓂ ᓂᑲ-ᓂᒥᓵᓐ; ᑭᑕ ᑭᑦ ᒪᒪᑦᑕᑯᓯᑦᑕᒪᓐ ᐁ ᑲᓵᑕᓐ ᑭ ᐃᓐᓀᐊᐃᓐᓄ. ᐁᑐᑭ.

¶ ᐅᑕᓭᒥᑦᑭᖏᑫᓄ ᑲᑕ ᐯᔭᑯ ᐃᑌᓐᓄ

ᐅ ᒪᓂᑐ ᑲ ᐃᑦᑎᓯᓴᑐ ᑭᑕ ᑭᑎᒪᑭᓵᖏᑫᑐ ᒥᓵ ᑲ ᑎᐯᔭ-ᑦᑕᒪᑐ ᐊᓂᓵᒪᖏᐃᓐᓄ, ᓵᑐᑦᑕᐃᓐᓵᑐ ᐁ ᑕᐸᑦᑌᔭᒧᐅᓐᔨ ᑲ ᐃᓯ ᓵᑐᑕᒪᑦᕕᓐ, ᒥᓇ ᐁ ᐊᑕ ᕕᑯᐱᑎᑯᓂᐅᓐᔨ ᒥᓂ ᐁ ᒪᒋᑦᑭᑲᓐᑦᐱᑎᑯᓂᐅᓐᔨ ᓂ ᒪᑭᑦᑎᐃᓐᓂᓵᓵ, ᐁᔭᐁᓐᔨ ᑭ ᑭᑎᒪᑭᓵᖏᑫᐃᓐᓄ ᓂ ᑲ ᐃᓐᓴ ᐊᓯᐸᑦᐳᑯᓵᓐ ᑭᑕ ᑭᓪᑌᔭᑦᑕᒋᑯᑦᐃᑦᐱ ᑭᓴᑐ X, ᑲ ᓵᑕᒪᑯᓂᐅᓐᔨ ᒥᓵ ᓄᑐᑌᓐᑕᒪᑯᓂᐅᓐᔨ. ᐁᑐᑭ.

¶ ᒪᒪᐃᓐᓴ ᑲᑕ ᐃᑦᓂᐃᓐᓄ ᐅᒪ

ᓄᑦᑦᐃᓐᓵᑐ ᑭᑦᑭᑭᔪᑯᔨ ᐁᑦᓴᑐ ᑲᑕ ᐃᓐᓴ ᑭᑦ ᑲᑌᔭᑦᑦᑕᒋᑲᓐᑐ ᑭ

ᐃᓕᓴᐃᓐ ᑭ ᑎᐯᓗᓕᕆᓂᐃᓐ ᑲᑕ ᐃᓕ ᐅᒋᓕᒋᐸᓗᓄ ᐁ ᐃᑌᓗᓕ-
ᑕᒪᐠ ᑲᑕ ᐃᓕ ᔨᒋᑲᑌᓄ ᐅᑕ ᐊᒋᑭˣ ᑲ ᐃᓕᓴ ᐊᑐᓕ ᑭᓕᒋᑭᓴᑯˣ
ᒥᓗᓀᐠ ᐊᓄᓕ- ᑲ ᑭᓴᑲᑦ ᑫ ᐅᓕᒋ ᐋᒪᒪᑎᓴᑦˣ ᒥᓀ ᐊᔭᓀᒪᐃᓕ-
ᓀᐠ ᓂ ᒪᒋᓕᑎᐃᓕᓂᓀᓀ ᑲ ᐃᓴ ᐊᔭᓀᒪᐊᓕᑭᓕᑦ ᐊᓂᑭ ᑲ
ᐊᓕᔨᑯᐃᑦᓕᑦ ᒥᓀ ᐁᑲᐃᓕᓴ ᐃᔨᓕᓕᐊᓀᐠ ᑯᑌᓗᔨᐃᓕᓕᓂᓕˣ
ᒪᑲ ᒥᔨᑫᓀᒪᐃᓕᓀᐠ ᒪᒋ ᖃᑫᓕᒪᐃᓕᓀᐠ ᒥᒋᑦ ᑲᑌᓀᐃᓕ-
ᐃᓐ ᐊᓕᐊᓕᒻ ᓴᓕᑲᑎᓴᐃᓐ ᒥᓀ ᒪᒥᓕᒥᒥᑯᐃᓐ ᑲᑭᖃ ᒥᓀ
ᑲᑭᖃ. ᐁᒣᐠ.

¶ ᒪᒥᔪᓚ ᑲᑕ ᐃᑦᓂᐃᓕᐊᓕ ᐅᓕᐅ

ᐅ ᑌᐯᓗᓕᕆᓂᖅᓀᐠ ᐊᓕᐠᑕᓕᑎᓗᓀᐠ ᑭ ᑭᓴᐊᓕᑎᓂᓴᐃᓐ
ᒥᓀ ᒥᓗᓀᐠ ᑭ ᐱᒪᒪᓕᐃᐁᓕᐃᓐ
ᐅ ᑌᐯᓗᓕᕆᓂᖅᓀᐠ ᐱᒪᒪᓕ ᒪᐊᓕᑦ ᑭᑭᒪ ᐅᑭᒪᔪᓕᓂᓕ
ᒥᓀ ᑭᑎᒪᑭᓕᑕᐃᓕᓀᐠ ᑕᓕᑦᓕᓕ ᒣᐃᓕᓕᑭᑭᓕᑭ
ᒥᓀ ᐃᓕᓕᓕᐃᓐ ᑭᑭᓕᓕᐃᓐ ᑭᑕ ᒪᒪᓕᑦᓕᑯᓂᓕᑦ
ᐅ ᑌᐯᓗᓕᕆᓂᖅᓀᐠ ᐱᒪᒪᓕᐃᓐ ᑭᓂ ᐃᓗᓕᐃᓐ
ᒥᓀ ᒥᔪᔨᑕᐃᓐ ᑭᓴ ᑭᓂ ᐊᑦᓀᓕᐃᓐ

ᒐᑭ ᐯᓴᑦᑕᕐᓂᒪᐃᓐᓄ ᑫ ᐃᓐᔪ ᐱᓪᒪᑎᓯᓴˣ ᐅ ᑌ ᐯᓂ-
ᑦᓯᑫᓴᓄ

ᐃᓕᓴ ᐁᑲ ᐊᐃᓕᓴᓵ ᔪᑕᑊ ᐁ ᓀᑕᒪᔨᓴˣ ᑭᓴ ᐱᔪ ᐅ
ᒪᓂᓄ

ᐅ ᒪᓂᓄ ᑭᒋᑎᓀᓂ ᓂ ᑌᑦᐃᓀᓂ ᐱᑦᑢ ᓂᓴᐃᓕᓀˣ
ᒥᓂ ᐁᑲᐃᓕᓴ ᒪᑎᑲᒥᓀᓄ ᑲ ᑲᓀᑎᓯᑊ ᑭᑊ ᐊᑦᐁᓵˣ

ᕃ ᐅᑕᓴᒥᑦᑭᕃᓂ ᑲᑕ ᐯᓴᔪ ᐃᑌᐧᐤ

ᐅ ᑌᐯᓂᑦᑭᕃᓴᓄ ᓄᑦᑕᐃᓕᓀᓄ ᑭᑦᑭᑭᓯᔪˣ, ᐄᒪᐁᓕᓴᑎ ᓯᓂ-
ᑲᑎᓯᓴᓄ ᒥᓂ ᑲᑭᕃ ᐁᑦᓴᓄ ᒪᓂᓄ, ᑲ ᑭᑦ ᑲᓀᐁᓵᒥᑦᑲˣ ᐅᒪ
ᑲ ᑭᑦ ᑎᐱᑎᑲ, ᒥᓀ ᑲ ᐅᑎᑦᑕᑦᑎᓵᑦᑲˣ ᒥᓀ ᑭᑕ ᒥᓂ ᐊᓴ-
ᕿᓂᓯᑦˣ. ᑭ ᓀᓀᑎᔪᒥᑎᓀᓄ ᐁ ᐃᓯ ᑲᑦᑭᑦᑦᒋᓵᑦ ᑭᓴᐊᓵᔨᑕ-
ᐃᓵᑦˣ. ᑭ ᓴᐁᓵᓵᑦᑭᕃᐃᓵᓀ ᐅᑎᑲᓵᐊᓵᓀ· ᑕᑦᒋᓵᓂ ᐁ ᕃᑭᓴ-
ᕿᑦᓴ, ᒥᓀ ᐅᑎᕃᓂᑲᓵᓀ· ᑕᑦᒋᓵᓂ ᐁ ᐅᑕᔪᓯᓴ. ᐅ ᑌᐯᓂᑦᑭᑭᓴᓄ
ᑭ ᐯᓴᓵᕿᒥᓀᓄ ᐁ ᐱᒧᑦᑌᑦˣ, ᑭ ᐯᓴᓵᕿᒥᓀᓄ ᐁ ᓂᕿᑦˣ, ᑭ
ᐊᔨᓵᑦᑌᓴ ᑲᑦᑭᓴᓂᓂ ᓂᐟ ᐃᒋᑎᓯᐃᓵᓀ ᑭᑎᒪᑭᓀ ᓂ ᓄᓴᐊᔨ-
ᑎᓯᐃᓵᓀ ᒥᓀ ᒥᓂᓀᓄ ᑲ ᑲᓀᑎᓯᐟ ᑭᐟ ᐊᑦᐁᓵˣ ᑭᑕ ᒪᑎᑲ-
ᐃᓵᓯᑦˣ. ᐃᓵᑭᑦᑦᓀᓄ ᑭᑕ ᑲᓂᑭᑎᓯᑦˣ ᐊᓂᑦᑦ ᑲ ᑭᓯᑲᐟ ᑭᓴ
ᐁ ᑲᓀᐊᔨᓵᒥᑦˣ. ᓀᓯᒪᐃᓀᓄ ᐁᑕ ᐁᑦᓴᓄ ᐅᑕ ᓯᓀᑦᑭᓵᑦᒋᑲᔨᓵˣ

ᑭ ᒪᓂᑐᐊᕐᑎᓯᐅᓐᓄ, ᒥᓇ ᐃᑌᔨᐦᑐ ᐊᓂᑦ ᑲ ᑭᓯᑲᑦ ᐅᑲ ᑭᑐ ᐊᕐᓂᑎᑎᓴᓐ ᑲ ᓕᒥᓯᑲᑦ ᐊ ᓕᒥᓯᐅᓂᕐᓴ, ᐃᒃ ᑲᑎᑭᓱᓐᓂᕐᓴᓐ ᑲ ᑎᐱᑭᓱᓐᓂᕐᓴᓐ ᑭ ᑎᐱᑭᓱᓐᓂᕐᓴᓐ, ᑭᑦ ᐅᑲ ᐃᓐᓇ

ᐊᓂᓕᑎᓂᕐᓵ ᒥᓇ ᑕᐸᓕᑌᓴᒧᐃᓇᓂᐟ ᐁ ᒪᒥᓯᔪᑕᐊᓂᑭᓕᓕ; ᐃᓂ-ᑭᓕᐃᓇᓐ ᐃᒪᒃ ᐁᒃ ᐃᓂᓕᒃᐦ ᑭᑕ >ᓂ ᐊᓕᐯᓴᒧᐃᓵᒃ ᒃ ᑭᓕᓕ ᐃᓯ ᒃᓕᑭᓕᑕᒪᑎᓵᒃ. ᐁᑎᓯ ᐃᒪᒃ ᐁ ᐃᓕᓯ ᐊᑎᓇᐃᒪᓯᓵᒃ X ᒃ ᑭᓕᓕ ᑭᓕᓕᐊᓕᒃᑎᓂᓕᓕᓯ ᑕᑕ ᐱᐃᒪᓕᓕᐃᑎᓵᒃ ᓂ ᒃ ᐃᓂ ᐱᒥᑎᓴᓕᓕᐅᓇᓐ ᐅᓕᑭ ᐱᐃᒪᑎᓯᐃᓐᓄ ᑕᑕ ᑭᓕᑐᓕᓕᐃᑎᓇᐃᓇᓵᒃ; ᐃᓂᓵ ᐅᓕᓕ ᑎᓴᑕ X ᒃ ᑎᐯᐦᒥᑎᓵᒃ. ᐁᑐᓐ.

¶ ᐅᑕ ᑕᓕᐅ ᑭᓯᒃᐤ ᐊᓵᒥᓕᐊᐃᓐ ᒃᑕ ᐊᐸᓕᓕᒃᑌᐤ ᐁᒃ ᐃᒪᒃ ᑕᑕ ᐃᑦᓂᐃᓂᐊᓂ ᐅᓕᓕᐅ ᐃᓕᒃᓄᓂᒃ ᐊᓵᒥᓕᐊᐃᓐᓇ

ᒃᓕᑭᓵᐤ ᓇᒃ: ᓇᓕᑭᓕᓓᑦᓐ ᒪᓂᓐ, ᒃ ᑭᓕᓕ ᒥᓵᐦᓵᒃ ᑭ ᐃᓂᓕᓕ-ᐃᐁᓂᐃᓐ ᐊᓚᓕᓕ- ᐅᒪ ᑭᑕ ᐄᒪᐃᓂ ᐅᓵᓕᓕᑦᑦᒃ ᓂ ᒪᐃᓂᒧᓕᑭᓇ-ᐃᓂᓯᓇᓇ; ᒥᓇ ᒃ ᐊᓯᑕᐄᒪᓇᓐ, ᑭᓕᐱᓐ ᐃᑕ ᓂᓯ ᐊᓕᐳ ᓂᓕᓐ ᒥᓵᐊᓂᓕᓕᑭᓕᓕᐃᑎᓵᒃᑦᐃᓂ ᑭ ᐃᓂᓕᐸᐃᓐ ᑭᑕ ᒥᓵᑭᓂ ᐁ ᐃᓂ ᓇᑕ-ᑕᒪᓕᑭᓕ

ᑌᐱᐅᑕᐃᓂᓕ ᐊᓚᓕᓕᒧ ᐅ ᑌᐁᐸᓕᓕᑭᓇᓐ ᐁ ᐃᓂ ᓇᑕᐁᓂᐸᓕᓕᑕ-ᒪᓕᑭᓕ ᒥᓇ ᐁ ᐃᓂ ᓇᐅᑕᒪᓕᑭᓕ ᑭᐟ ᐊᐅᓕ ᓴᓵᒃᓇᓕ ᓴ ᐃᓂ ᐊᐸᓕᓕᐃᑎᓵᑦᓕ; ᒪᓕᒥᓚᓇᐃᓐ ᐅᑕ ᐊᓕᑭ ᑭᓕᓴᐸᓕᓕᑕᒪᓕᒧᐃᓐ. ᐁᑐᓐ.

ᐅ ᑭᓴᐊᓐᑎᓂᐟᐃᓐ ᒃ ᑎᐯᐦᒥᑎᓵᒃ ᒪᓴᓕ X, ᒥᓇ ᐅ ᓴᑭᓕᓕ-ᐃᐁᓂᐃᓐ ᑭᓴᒪᓂᓐ, ᒥᓇ ᐅ ᐃᓂᑭᓕᓕᐃᐁᓂᐃᓐ ᒃ ᒃᓇᑎᓂᐟ ᐊᓕᓕ-ᒪᓵ, ᑭ ᒃ ᐃᓂ ᐃᓂᓴᐃᓂᑯᓕᓕ ᒃᓕᑭᓵᐤ ᒃᑭᓴᓴ.

ᐅᑦᑯᓂ ᐊᓴᒥᖅᑐᐃᓐ

¶ ᑭᐱᓐ ᓇᖅᐃᕐᓂᕐᓄ ᓂᑦᓐ ᑲᑕ ᓂᑲᒍᑦᓂᐊᓕᓐ ᐊᓴᒥᖅᑐᐃᓕ· ᓂᑲᒧᓐ; ᐁᑲ· ᐃᒃ ᑲᑕ ᐊᓴᒥᖅᑎᓂᐊᓐ ᐯᔭᓐ ᐱᐢᑭᓂᐊᓂᓇᖅᑲᓐ ᐊᖅ> ᓄᖅᑦᐣ ᐃᓕᓐᓂᐊᕐᓂᕐ ᑭᖅᑎ ᒪᓂᓇᖅᐃᓇᒃ-ᓂˣ, ᐱᑯ ᐁ ᐃᓂ ᑲᓐ ᑭᖅᑎᓂ ᐅᑕᓴᒥᕐᓄᓇᕐᓂᐣ ; ᐁᑲ· ᐃᒃ ᑲᑕ ᐃᑌ·ᐣ

ᐁᑲ· ᐊᓴᒥᖅᑐᑎᓐ

¶ ᐃᒪᐃ· ᑲᑕ ᐃᑎ·ᓂᐃ·ᐣ ᐅᒪ

ᐃᒪᐁ·ᓴᓐ ᓂᓪᒪᖅᑲᑎᓂᓴᓐ ᒪᓂᓐ, ᓂᓂᐊ·ᑎᓂᓴᓐ ᐅᖅᑦᐃᐃ·ᐃᓚᐣ, ᑲ ᑭᑎᐃᓚᑭᓇᐊ·ᒋᑦ ᑲᖅᑭᕐᐊᓂᐊᓕᐊ·ᓂᑦ ᒥᓐ ᐁᑲ ᐁᑲ ᑲᑦᑭᐊᓂᐊᓂᐊ·ᑦ ᒥᓐᑲᑦ ᐁᑲ ᑲ ᐊᓂᑦᑭᐊᓂᐊᓂᐊ·ᑦ ᐁᑲ ᑲ ᐊᓂᑦᑭᐊᓂᐊᓂᐊ·ᑦ ᐁ ᐃᓂ ᑭᓂᓴᖅᑭᐣ ᑭᑲ ᐃᓂᓴᖅᑭᐣ ᐁ ᐃᓂ ᑭᓂᓴᖅᑭᐣ ᐁᑲ ᑲ ᐊᓂᑦᑭᐊᓂᐊᓂᐊ·ᑦ ᐁᑲ ᑲ ᐊᓂᑦᑭᐊᓂᐊᓂᐊ·ᑦ

ᑭᑎᒪᑭᓯᓴˣ, ᒥᓀ ᑯᐯ· ᑲ ᒥᐦᑕᑕᒪˣ ᓂ ᐊ·ᓂᐦᑎᐃ·ᓂᓀᓀ ;
ᐁᑯᓯ ᐃᒃ ᐃᓯ ᑭᓪᓕ ᐃ·ᑭᐦᐃᓀᐣ ᐅᑕ ᐊᐢᑭˣ ᑲᑭᑫ ᑭᑕ ᑭᐦ
ᐃ·ᑫᐃᑕˣ ᑲᑭᑫ ᐱᒪᑎᓯᐃ·ᓂˣ, ᐃ·ᓴ ᐅᐦᑭ ᑭᓴ X ᑲ ᑎᐯ
ᓄᒥᑯᓴˣ. ᐁᑐᑦ.

¶ ᐅᑕᓴᒥᐦᑭᑫᐤ ᑲᑕ ᐯᓴᑯ ᐃᑌ·ᐤ

ᐅ ᑌᐯᓄᐦᑭᑫᓴᑦ ᑭ ᐸᑯᔪᓄᒥᑎᓀᐣ ᐁ ᐃᓯ ᑭᔪᐊ·ᑎᓯᔪᑦ
ᓀᑐᐦᑕ ᓂᓯ ᐊᓴᒥᐦᐊᐃ·ᓂᓀᓀ, ᒥᓀ ᒪᓀᑭᐦᐃᐣ ᑲᐦᑭᓴᐤ ᑲ
ᐊᑊ·ᐃ·ᐦᑕᐦᑭᐣ ᐅ ᒪᑭᐦᑎᐃ·ᓂᐊᑊ·ᐊ·, ᑕᐦᑐ ᑲ ᒥᑯᐣᑲᑌᓄᐦᑕᐦᑎᒥᐦᐃᑯᑭᐣ
ᒪᑭᐃᐦᑎᐃ·ᑐ ᑲᑕ ᐃ·ᓭᑌ·ᓄᒧᐦᐃᑲᑦᐣ ᑭ ᑭᔪᐊ·ᑎᓯᐃ·ᑐ ᐁ
ᐳᓂᓄᐦᑕᒪᐊ·ᑭᐣ ᐃ·ᓴ ᐅᐦᑭ ᑭᓴ X ᑲ ᑎᐯᓄᓀᒥᑯᓴˣ. ᐁᑐᑦ.

¶ ᐃᒪᐃ· ᑲᑕ ᐃᑕᓂᐃ·ᐤ ᐅᒪ

ᓄᐦᑕᐃ·ᓀᑐ ᑭᐦᑭᑭᓭᑯˣ ᐁᑦᓴᑐ ᑲᑕ ᐃ· ᑭᐦ ᑲᑌᓄᐦᑕᑫᑲᑦ ᑭ
ᐃ·ᐦᓭᐃ·ᑐ ᑭ ᑎᐯᓄᐦᑭᑫᐃ·ᑐ ᑲᑕ ᐃ· ᐅᑭᐦᑭᓭᓄᓂᐤ ᐁ ᐃᑌᓄ-
ᐦᑕᒪᑐ ᑲᑕ ᐃ· ᑐᑭᑲᑌᓂ ᐅᑕ ᐊᐢᑭˣ ᑲ ᐃᓯ ᐊᑊᐣ ᑭᐦᑭᑭᓭᑯˣ
ᒥᓄᓀᑐ ᐊᓂᐦᒼ ᑲ ᑭᓭᑲᐣ ᑫ ᐅᐦᑭ ᐱᒪᑎᓭᑦˣ ᒥᓀ ᐊᑎᓀᒪᐃ·-
ᓀᑐ ᓂ ᒪᑭᐦᑎᐃ·ᓂᓀᓀ ᑲ ᐃᓯ ᐊᑎᓀᒪᐊ·ᑭᐦᐦᑭᐣ ᐊᓂᑭ ᑲ
ᐊ·ᓂᑐᑕᑊᑊᐦᑭᐣ ᒥᓀ ᐁᑲᐃ·ᑌ ᐃᑐᐦᑎᐃᓀᑐ ᑊᑌᓄᐦᑐᐃ·ᓂˣ
ᒃᒪ ᒥᑕᑫ·ᓀᒪᐃ·ᓀᑐ ᒪᑭ ᑫᑲ: ᑭᔦ ᑭᐟ ᐊᑊᑦ ᑭᐦᑭ ᐅᑌᓀᐃ·-
ᐃ·ᑐ ᐊᑊ·ᐊ·ᒼ ᓯᐦᐦᑲᑎᓯᐃ·ᑐ ᒥᓀ ᒪᒥᐦᑭᒥᑊᐃ·ᑐ ᑲᑭᑫ ᒥᓀ ᑲᑭᑫ.
ᐁᑐᑦ.

¶ ᓚᒥᔪᓄ ᑲᑦ ᐃᒋ·ᓂᐃ·ᐊ· ᐅᐣᐅ

ᖃᐅ·ᓗ ᐊᓄᐣᓗ ᒥᓇ ᐅᑭᕐ ᐃᑌᓵᐣᑦ ᑭᑦ ᓇᑐᐣᑦᐃ·ᓴᓐ, ᐅ X

ᑭᓴᐊ·ᑎᓯᐃ· ᓇᑐᐣᑦᐃ·ᓀᑐ ᐅ X, ᑭᓴᐊ·ᑎᓯᐃ· ᓇ ᑐᐣᑦᐃ·ᓀᑐ ᐅ ᑌᐯᓵᐣᑭᓴᑐ X.

ᐅ ᑌᐯᓵᐣᑭᓴᑐ ᑭ ᑭᓴᐊ·ᑎᓯᐃ·ᑐ ᓂ ᑲ ᐃ· ᐊ·ᐸᐣ ᑎᓵᑲᐃ·ᓀᑐ

ᑲ ᐃᓯ ᒪᑦᓯᑐᑕᑦ

¶ ᐅᑕᓴᒥᐣᑭᓄᐤ ᑲᑦ ᐯᓴᔨ ᐃᑌ·ᐤ

ᐅ ᓄᓴᐊ·ᑎᓯᓴᑐ ᐅᐣᒋᐃ·İᓂ ᑲ ᑲᓇᐁ·ᓵᒪᑭᔪ ᑭᓯ ᐃᓵᓗᒪᔪ, ᑭᓴ ᐁᑲ ᐃ·ᐣᑲ ᑐ ᓂᐸᑐᐣ, ᐁ ᐸᑭᑌᓵᒥᓯᓴᕐᓵᓀ ᑭᑦ ᑲᓇᐁ·ᓵᒪᑭᓀᓀᑐ ᑭᑦ ᓇᑐᐣᑦᒪᔪ ᐁ ᐃᒋᐣᓯᓴᕐᓵᓀ ᑭ ᐸᔨᓴᓵᒥᑎᓀᓀᑐ ᑭᑦ ᓇᑐᐣᑦᒪᓕᑐ ᓂᓯ ᐊᓴᒥᐣᐊᐃᐃ·ᓂᓀᓇᓇ ᒥᓇ ᓂ ᓇᓀᓵᔨᐃᐃ·ᓂᓀᓇᓇ. ᑭ ᓇᓀ-ᵔᔨᒥᑎᓀᑐ ᐁ ᑭᐣ ᐃᓯ ᒥᔪᓴᓯᐃ·ᓄᐤᓴ ᐊᓄᐣᓗ ᑐ ᑭᓯᑲ; ᑭᓴ ᐱᔨ ᑲ ᐃᓯᓴᓯᐤ, ᐱᔨ ᐃᓵ-ᔨᐤ ᐁ ᒥᔪ ᐊᓯᓴᓯᐤ ᒥᓇ ᐱᔨ ᐃᓵᔨᐤ ᐊᓵᒥᔪᐃ·ᑐ ᐁ ᑭᐣ ᒪᓯᓵᑦᑲᔨᐤ. ᑲᐣᑭᓴᑐ ᐄᒃ ᑲ ᐃᐣᓯᔪᓯᐤ ᒥᓇ ᑲᐣᑭᓴᑐ ᑲ ᑭᓵᑦᑲᔨᐤᐃ·ᑐᐣᑭ ᑭᑎİᑭᓇᐃ·ᓀᑐ; ᐊᓴᑌᓇ ᓂ ᐊᓴᑎᐱᑦᑭ-ᔪᐃ·ᓂᓀᑐ ᒥᓇ ᑭ ᑭᐣᑭ ᑭᓴᐊ·ᑎᓯᐃ·ᑐ ᐅᐣᑭ ᓀᓯᒪᐃ·ᓀᑐ ᐁᑲ

ᐊᓕᒥᓱᐃᓐ ᒥᓂ ᐸᑦᐱᓗᐃᓐ ᑭᑦ ᐅᑎᑦᑎᓂᐅᖅᑫ. ᑲᓂᐁᔨ ᒥᓀᓐ ᐁ ᖃᑲᓐ ᓂᐸᐅᖅ. ᐯ ᓀᓱᓀᓐ ᓂᓂᑲᐅᖅᑫ, ᐁᓂᓱ ᐃᒃ ᐁ ᓂᐸᐅᖅᕐ ᐊᑦᐳ ᐁ ᓂᓂᑲᐅᖅ, ᐁ ᐱᐃᒪᓱᐅᖅᕐ ᐊᑦᐳ ᓂᐱᖅᑫ ᑭᖅ ᐱᓇ ᒥᑐᓂ ᔪᓴᑊ ᑭᑦ ᑎᐯᓕᒥᐅᖅᕐ, ᐁ ᑭᑦ ᐃᓱ ᑲᑦᑭᓯᒪᓕᒥᐅᖅᕐ ᑭ ᓂᓱᑦ **ᒪᓴᑦ X** ᑲ ᑎᐯᓕᒥᓂᐅᖅᕐ. ᐁᒣᑐ.

¶ ᐅᑦ ᑕᑦᑐ ᑭᓱᑲᐤ ᐊᖅᒥᑦᐊᐃᓐ ᑲᑦ ᐊᐸᑭᑦᑭᑲᑌᐤ ᐁᑲᑊ ᐃᒃ ᑲᑦ ᐃᑦᓂᐃᓕᐊ ᐅᑦᐅ ᐃᓐᑲᓱᓂᕐ ᐊᖅᒥᑦᐊᐃᓕᓀ

ᐃᒪᒪᐁᓕᓐᓄᑦ ᓱᓴᑦᑲᑎᓱᖅᑐ ᒥᓀ ᑲᑭᑫ ᐁᐅᖅᑐ ᒪᓂᑐ, ᑲ ᑭᑦ ᐅᖅᑭᑦᕕᒪᕕ ᒥᓀ ᑭᑦᐱᑦᑕᒪᓕ ᐁ ᑭᓱᓐᑫᕐ ᒥᓀ ᐃᓐᑲᓱᓂᕐ ᑭᑦ ᐃᓐᑲᓱᓂᕐ; ᒥᐸᓀᓐ ᑭᑦ ᐃᓱ ᐃᓐᑌᐊᑲᐅᖅᕐ ᓂᖅᐃᓐᓀᕐ ᔪᓴᑊ ᑭᑦ ᐅᓐᕿᓱᖅᕐ ᓂᓱ ᐊᑦᑲᓕᑦᑲᓀᕐ, ᑭᑦ ᐊᖏᓐᓴᑦᑕᒪᕐ ᐃᐸᑯᕐ ᓄᐱᒪᑦᐱᐃᐁᓕᒥᓀᓐ ᑫ ᓄᑯᓱᐟ ᑭᑦ ᐅᑎᓂᑯᐅᖅᕐ ᐅᒪ ᐱᒪᑎᓕᐃᓂᕐ ᐅᑦᑭ. ᐁᑲᐃᓐᖅ ᕿᑲᓐᓇᑦ ᒥᑐᓴᑦᑕᒪᓕᓀᓐ ᑲ ᑲ ᒥᑯᑎᓕᐃᓐᖅ ᐁᑲᐃᓐᖅ ᓂ ᐱᑐᓴᑦᑕᒪᓕᓀᓐ, ᒪᓕᑲ ᑲᑦ ᐃᓐ ᐃᑦᑕᑌᐊᓐ ᓂ ᑭᑐᓴᑦᑕᒪᓂᓀᓀ ᑭᖅ ᑭᑦ ᑲᓀᐊᓐᓕ ᒥᑦᑭ, ᑭᑦ ᐱᖏᑊᐃᓐᑦᑭ ᑭᑦ ᓀᓂᑊᑭᑦᑦᑭᓴ ᒥᓀ ᑭᑦ ᒪ ᒥᒥᑎᑦᑭᓴ ᑭᖅ ᐱᐃᒻ. ᐁᓂᓱ ᒪᓕᑲ ᓀᑊᐃᓐᓂᐅᖅᑫ ᑭᑊ ᒥᓴ ᓂᐸᐅᖅᕐ ᑭᑦ ᑭᓴ ᓂᑦᑕᑦᑭᓴ ᑭᖅ ᐱᐃᒻ. ᐁᓂᓱ ᒪᓕᑲ ᓀᑊᐃᓐᓂᐅᖅ ᑭᑊ ᒥᔪ ᓂᐸᐅᖅᕐ ᑭᑦ ᑭᓴ ᓂᑦᑕᑦᑭᓴ ᑭᖅ ᐱᐃᒻ. ᐁᓂᓱ ᒪᓕᑲ ᓀᑊᐃᓐᓂᐅᖅᑫ

ᑯᓗᓵˣ ᑭᑕ ᐊᑐᖏᖏᑦᑎᑦˣ ᑲᐱᑭᓵᓄ ᒥᓂ ᐊᑐᖏᐃᓕᓂˣ, ᐃᓕᓴ ᐅᐱᑦ ᑲᓱᖏ X ᑲ ᑎᐯᓵᒥᑯᓵˣ. ᐁᑐᑉ.

ᐄᒪᐁᓕᓴᖏ ᓗᓴᐱᑲᑎᓗᓵᓴᑦ ᒪᓂᑐ, ᑲ ᑭᐱ ᐊᓗᑕᒪᑦ ᑭᑕ ᓇᑐᐱᑕ-ᒪᓘ ᐅᓘ ᐊᓵᒥᐱᐊᐃᓂᓂᐊᓕᐊ ᐊᓂᑭ ᑲ ᐊᖏᐱᒪᒋᑦ ᑭ ᑯᓗᖏ ᐅ ᐃᓐᓴᐃᓐᓕ; ᑭ ᕿᑯᓵᒥᑎᓇᑦ ᐁ ᐃᓗ ᑭᓴᐊᓐᑎᑲᓕᑦ ᑭᑕ ᓇᑐᐱᑕᐃᓕᓵˣ ᓂᓵᓇᑦ ᐅᒪ ᑲ ᑭᐱ ᐃᓗ ᓇᑐᑕᒪᓇˣ ᑭᓵ ᐁᑐᑕᐃᓕᓵˣ ᑭᓵ ᐃᓗ ᓇᐱᐃᓵᐁᐊᓐᐱᐃ-ᑯᓵᑦ ᓂ ᑲ ᐃᐧ ᒥᖏᑭᓇᑦ ᑭᑕ ᐊᐸᒪᐱᐃᑯᓵˣ ᐁ ᑭᐧᑕᒪᓵˣ; ᐃᓕᓵ ᐅᐱᑦ ᑭᓴᐧ X ᑲ ᑎᐯᓵᒥᑯᓵˣ. ᐁᑐᑉ.

ᑲ ᑎᐯᓵᐱᑭᐟ ᑭ ᑲ ᐃᓐ ᓴᐁᐧᓵᒥᑯᓇᐧ ᒥᓇ ᑭ ᑲ ᐃᓐ ᑲᓇ-ᐁᐧᓵᒥᑯᓇᐧ; ᑲ ᑎᐯᓵᐱᑭᐟ ᑭ ᑲ ᐃᓐ ᐊᐧᓴᑦᑲᒪᑯᓇᐧ ᒥᓇ ᑭ ᑲ ᐃᓐ ᑭᓴᐊᐧᓐᑕᑯᓇᐧ; ᑲ ᑎᐯᓵᐱᑭᐟ ᑭ ᑲ ᐃᓐ ᑲᓇᐊᐧᐸᒥ-ᑯᓇᐧ ᒥᓇ ᑭ ᑲ ᐃᓐ ᒥᓵᑯᓇᐧ ᐯᓴᐱᒋᑭᓵᒧᐃᓐᑦ ᐊᓄᐱᐟ ᒥᓇ ᑲᑭᑫ. ᐁᑐᑉ.

ᐁ ᐊᓴᒥᐱᐁᑭᓗᑲᐟ ᑫᑭᓴᑦ ᐊᓴᒥᐱᐊᐃᓂᓂᐊᓕᐊ

ᐄᒪᐁᓕᓴᖏ ᓗᓴᐱᑲᑎᓗᓵᓴᑦ ᒪᓂᑐ ᓄᐱᑦᐃᐃᓂᓇᑦ ᑲᐱᑲ ᑭᓗᑯˣ ᑭᓴ

ᑲᑎᑭᓕᓂ ᐊᐃᓗᓴᑦ ᑲ ᐅᑎᑎᓇᒪᐊᓘᓱ ; ᐁ ᑕᕆᑎᑌᓯᒧᑦᓴᖅ ᑭ ᕿᑯᓴ-
ᓯᒥᑎᓇᒃ ᐅᒪ ᐊᓂᑦᒥ ᐁ ᐊ ᔪᓴᐱᐃᓐ ᑭᓯᑲᑦ ᑎᒥ ᒥᓐ ᑎᓯ ᑭᓐᑭᓯ-
ᑐᕈᐊᓱ ᑲᑎᑭᓕᓂ ᐊᐃᓗᓴᑦ ᑲ ᑭᑎ ᐅᓯᑎᐊᓱ ᒥᓇ ᑲᒥ ᐃᓐ ᕈᑯᓯᓂᒪ-
ᑲᑦ ᐊᓐᑭᖅ ᑭ ᑭᔪᐊᓚᑎᓯᐃᓐᓱ. ᐅᓴᕆ ᓯᒃ ᓂᔪᐊᓚᑎᓯᔪᑦ ᓂᑎᕆ-
ᐃᓐᓇᓱ ᑭᑎᓯᒪᓇᐃᓐᓇᓱ ᓂᓴᓇᓱ ᐊᓂᑦᒥ ᑲ ᐅᑎᑎᑲᑲᓇᐱᓐᕆᕆᙵ,
ᒥᓇ ᐁ ᐃᓯ ᐁᑲ ᑲᓇᐊᓚᑦᕕᒪᓕᑦ ᐊᓐᑭᒪ ᐁ ᐃᓯᓇᓂᓯᙵ ᓯᒃ
ᒥᑌᑦᐃᙵ ᐁ ᓇᕈᐊᓚᐯᓐᕆᕆᙵ ᐊᑦᓄᑦᓂᙵ ᒥᓇ ᕆᐯᓚᐃᓐᓂᓇᓇ
ᒥᓇ ᐃᓚᑦᑎᐃᓇᓱ ᑭᕈ ᐊᓴᒥᑦᐁᓐᕆᕆᙵ ᐊᑦᓄᑦᓂᙵ ᒥᓇ ᕆᐯᐃᓐᓂᙵ.
ᐃᓚᑦᑎᐃᓇᓱ ᐊᓂᑦᒥ ᑲ ᑭᔪᐊᓚᑦᕕᒪᓕᑦ ᑲᓄᑦ ᑭᐯᓚᑦ ᑲ ᐊᓂᑦᒥ
ᒥᓇ ᐃᓯ ᓂᓯᐅᑦᕈᒧᙵ ᐊᓯᓯ ᑭᕈ ᐃᓕᑦᑎᐱᓐᕆᕆᙵ ᓂ ᒪᐅᓴᑦᑭᓚᓂᓇᙵ ; ᑭᕈ
ᑭᑦ ᐃᓯ ᓂᓯᐅᑦᕈᒧᙵ ᐊᓯᓯ ᑭᕈ ᐃᓕᑦᑎᐱᓐᕆᕆᙵ ᓂ ᒪᐅᓴᑦᑭᓚᓂᓇᙵ ᑭᑦ
ᐃᑭᑫ ᑭᕈ ᓇᓇᑦᐃᑦᕆᕆᙵ. ᐃᑌᓴᑦᒪ ᒥᓇ ᐅ ᓂᑦᕆᐃᓐᓇᓱ ᑭᑦᓯ-
ᑭᓯᓂᙵ ᑭᕈ ᐊᓐᓂᓴᓂᓴᙵ ᓂᓯ ᐊᑦᑎᑦᕆᕆᙵ ᐊᓂᑦᒥ ᐃᑭᑫ ᑲ ᑭᓯᑲᑦ,
ᒥᓇ ᐃᓐᑦᕆᐃᓐᓇᓱ ᐊᑦᓄᑦᓂᙵ ᑲᑎᑭᓕᓂ ᐊᐃᓗᓴᑦ ᑲ ᐃᓐᓂᓴᓂᓴᙵ
ᒥᓇ ᐃᓐᑦᕆᐃᓐᓇᓱ ᐊᑦᓄᑦᓂᙵ ᑲᑎᑭᓕᓂ ᐊᐃᓗᓴᑦ ᑲ ᐃᓐᓂᓴᓂᓴᙵ
ᐃᓯᓇᓱ ᑭᕈ ᐊᓐᓂᓴᓂᓴᙵ

▽ ◁ᓴᒥᐅᕗᓂᔨᓴ ᐅᑦᑯᓂ ◁ᓴᒥᐊᐃᓐᓄ

ᐃᒪᒪᐅ·ᓴᑦ ᓂᕐᓭᐱᑎᓂᓂᓴᓄ ᒥᓇ ᑲᓂᑫ ᐅᐃᓴᓄ ᒪᓂᓄ ᓂᔦ ᓂᑦ ᐊᓭᐃᔨᓵ ᑲ ᐅᓭᒃ ᑎᐯᓂᓂᓴᒪᑦ ᒥᓇ ᑲ ᐅᓭᒃ ᑲᓇᑦᓭᐊᑦ ᑲᓭᓴᓂ ᐅᑦᓴᒥᐊᐊᑕ·ᐠ, ᐃᓂᓇᒪᐃ·ᓇᓄ ▽ ᓇᓇᑲᑯᒪᐊᑕ·ᑫᓂᓭᑦᒪᔨᓵ ᑲ ᐃᓂ ᓀᓴᐊᑕ·ᑐᒡᐃᓴᔨᓵ ᓂᐟ ᐊᓭᐃᓭᑯᓇᔨᓵ ᐃᑲᑲ·ᓴᓵᐃ ᓂᒡ ᐊᓴᒥᐊᐊᑕᔨᓵ ᒥᓇ ᓂᒡ ᓇᓇᑲᑯᒪᐃᔨᓵ ▽ ᐅᑎᓭᒪᔨᓵ ᒥᓇ ▽ ᐅᑦᑯᓂᐠ ᐊᓄᓭᒡ ᑲ ᐊᓴᒥᐊᐅᓀᓴᓄ. ᐊᓴᓇᒪᐃ·ᓇᓄ ▽ ᐃᓂᓂ ᓂᓂᒡᐃᓇᒪᓄ ▽ ᓀᓭ ᓇᓄᓭᑌᒡᓇᔨᓵ ▽ ᐊᒡᒡ ᐃ· ᐯᓂᓭᒪᔨᓵ ᐊᓄᓭᒡ ᑲ ᓀᓂᓴ; ᒥᓇ ᑲᓇᐊ·ᒡᓭᒡ ▽ ᐊᒡᒡ ᐃᓂᓂ ᓇᓄᓭᑌᒡᓀ ᓂᐟ ᐊᑐᑫᐃ·ᓂ-ᓇᓇ; ᐃᑌᓵᓭᒡ ᒥᓇ ᑭᒡ ᓴᓄᓵᒡᒡᒪᐃ·ᐅᔨᓵ ᓂ ᐊ·ᓂᓭᑎᐃ·ᓂ-ᓇᓇ ᒥᓇ ᑭᒡ ᑭᑎᒪᑭᓇᐃ·ᐅᔨᓵ ᐅᒪ ▽ ᐊᑎ ᓇᓭᐃᓂᔨᓵ. ᑭᐅᓴ ᐅ ᒥᓂᐊ ᓓᑎᒪᓭᐃᐯ·ᒥᓇᔨᓵ ᓂ ᑲ ᐃ· ᑭᒡᑎᓂᓂᓂᔨᓵ ᐅᑲ ᐅ ᐃᓂᓂᓴᒪᔨᓵ ᑭᑭ·ᓂᒣ ᒪᑦᑕᐅ·ᐅᒡᒡᒪᔨᓵ ᐊᓂᒪ ᑲᓇᑦᓭᐊᑦ ᑭᓄᓂᒪ ᐃᓂᓂ ᐊᐊ·ᓂᒣ ᒪᑦᑕᐅ·ᐅᒡᒡᒪᔨᓵ ᐊᓂᒪ ᑲᓇᑦᓭᐊᑦ ᑭᓄᓂᒪ ᐃᓂᓂᓴ

ᐃᑦ ᐁᑲᓴᕆᐊᑦ ᐅᑭᕐ ᐅ ᐊᑐᖏᖅᑭᑦ, ᐃᑦ ᒥᓇ ᐅ ᐱᒧᑎᓯᓴᒃ ᒥᓇ ᐅ ᑎᐯᓗᐳᕐᓂᕐᓴᒃ ᐊᓯᑉ ᓯᐊᑭᐳᐊᐅ᙮ ᕈ ᑯᓯᖅ ᒥᓇ ᐅ ᑲᓇᑎᓯᓴᒃ, ᐃᓗᖅ ᐅᑦᐱᒃᓵ ᐅᑭᕐ ᐃᓗᐳᕐᓂᕐᓴᒃ ᐊᓯᑉ ᐁᑲᓴᕆᐊᑦ

ᑭᓯᑯˣ ᐁ ᐃᑕᑐᑌ, ᐱᓕᑐ ᐃᓕᑯˣ ᐁᑯᑌ ᑭᑕ ᑭᑊᑊ ᐃᓯ ᐅᑊᐱᑐ-
ᑲᓗˣ ᐁᑯᑕ ᑭᑕ ᐃ·ᖁᐃ·ᒋˣ ᑲᑭᕐᕿ, ᐃ·ᔭ ᐅᑊᑭ ᑭᓴᑐ **X** ᑲ ᑎᐯ
ᓕᒥᑯᓗˣ. ᐁᒣᑐ.

ᐁ ᐯᔭᑯ ᑭᓯᑲᑌ ᐅᒋᑯᓯ ᐊᔭᒥᑊᐊᐃᐃ·ᑐ

ᐅ ᒪᓂᑐ ᑭᔭ ᐅᑊᑭ ᑲᑊᑭᔭᓂ ᑲᓀᑭ ᓀᑕᐁ·ᓕᑊᑕᒧᐃᐃ·ᓀ
ᑲᑊᑭᔭᓂ ᐁ ᒥᓗ·ᓯᑭ ᐅᔭᓯᐁ·ᐃ·ᓀ ᒥᓀ ᑲᑊᑭᔭᓂ ᑲ·ᔭᐢᐣ ᐃᑊᑐ-
ᑕᒧᐃᐃ·ᓀ ᐁ·ᑊᑭᒪᑲᑊᑭ ; ᒥᓕᓀᑐ ᐃᓕᓂᓯᐃᐃ·ᑐ ᒥᓀ ᓂᓯᑐᑊᑕᒧ-
ᐃᐃ·ᑐ ᑭᑕ ᑭᐢᑭᓄᑊᑕᑊᐃᑯᓗˣ ᑲᑊᑭᔭᓂ ᑮᐯ·ᐃ·ᓂˣ. ᕮᐢᑭᑊᑌᓀ
ᓂ ᓂᓯᑐᑊᑕᒧᐃᐃ·ᓂᓀᓀ ᑭᑕ ᑭᑊᐣ ᓂᓯᑐᑊᑕᒪˣ ᑭᑊᑭ ᒪᓯᓀᑊᐃ
ᑫᐃ·ᓀ. ᓂ ᑲ ᐃ· ᓴᑭᑊᑮᓀᑐ ᑭ ᑲᑫᐢᑫ·ᐃ·ᓀ, ᓂ ᑲ ᐃ· ᓀᓂᑊ-
ᑭᐢᑌᓀᑐ ᑭ ᑭᓯᐁ·ᓯᐃ·ᑐ ᒥᓀ ᓂ ᑲ ᐃ· ᑮᐯ·ᑊᑌᓀᑐ ᑭᓯ ᐊᓯᑮᒪ·
ᑫᐃ·ᓀ, ᑭᑕ ᐱᒪᑎᓯᓗˣ ᓂᓯ ᐊᑊᑌᑊᑯᓀˣ ᒥᓀ ᑭᑕ ᖃᑊᑭ ᑮᐯ·ᑊᑕ-
ᒪˣ ᑲ ᑲᓀᑕˣ ᑭ ᒥᓇ ᐊᑭᒪᐃᐃ·ᑐ. ᒪᐢᑭᓀᑊᑮ ᒥᓀ ᓂ ᒥᑐᓂ-
ᓄᑊᑊᑲᑲᓂᓀᓀ ᐁ ᐃᓯ ᓯᑌ·ᓄᒪᑊᐃᐁ·ᐟ ᑭ ᒥᓇ ᐊᑐᒥᐃᐃ·ᑐ.
ᓂ ᑲ ᐃ· ᐊ·ᐢᑌᓀᒪᓀᑐ ᐁ ᐃᓯ ᐱᒪᑊᑌᖃˣ, ᓂ ᑲ ᐃ· ᑭᐢᑭ-
ᓄᑊᐊᒪᓀᑐ ᐃᑕ ᐁ ᐊ·ᐊ·ᓂᓄᑊᑕᑊᒪˣ ᒥᓀ ᓂ ᑲ ᐃ· ᐃᑲᑌᓀ-
ᒪᓀᑐ ᑲᑊᑭᔭᓂ ᓴᑫ·ᓄᒪᐃᐃ·ᑐ. ᐃᑌᓄᑊᑕ ᒥᓀ ᐅ ᓄᑊᑮᐃ·ᓀᑐ
ᑭᑊᑭᑭᓯᑯˣ ᑭᑕ ᑭᑊ ᐃᓯ ᑕᐸᑊᑌᓄᒪᐃᐃ· ᐅᑎᓀᒪˣ ᑲ ᓂᑊᑮᐃ·-

ᑭᑦᐃᐁᓕᓵ ᑭᓯ ᐊᓴᒥᐃᓐᓄ ᑭᑕ ᑭᑦ ᒋᐯᓕ ᑎᐱᐳᑕᒪᕽ ᑲᑦᑭᓴᓂ ᓀᒃ: ᐁᑯᑕ ᐁ ᑭᑎᔪᓭᐊᒪᒃᑲᐃᓕᕽ, ᐃᓕᓴ ᐅᑦᑭ ᑭᓴᑎ X ᑲ ᑎᐯᔨ-ᒥᑯᓴᕽ. ᐁᒣᑐ.

ᐁ ᓂᓯ ᑭᓯᑲᑊ ᓀᑭᓴᒃ ᐊᓴᒥᑦᐊᐃᓐᓄ

ᐅ ᑌᐯᔨᑦᑭᓀᓴᑐ ᓭᑦᒋᐃᓕᓐᓂᓄ ᑭᑦᑭᑭᓯᑯᕽ ᑲ ᐅᑦᑭᑎᒋᒪᓀᓴᑐ ᑲᑦᑭᓴᓂ ᒪᓂᑐᐊᑎᓯᐃᓐᓄ, ᐁ ᑕᕐᑦᑌᔨᒧᐃᕽ ᑭ ᕿᑯᓴᔨᒥᑎᓂᓄ ᑭᑎ ᓯᑭᓀᒪᐃᓐᓴᕽ ᐅ ᒣᑭᐃᓐᓂ ᑲ ᑲᓀᑎᓐᓴᕽ ᐊᐊᓯᒣ ᑭᑎ ᒋᓀᑦᑌᐃᒋᕽ ᐊᐊᓯᒣ ᑭᑎ ᒥᓓ ᐅᐅᓀᓴᑦᒋᕽ ᒪᓀ ᐁ ᑭᑦᒪᔨᑦᑕ ᒻᒪ ᐁ ᒋᐱᑎᐁᒋᕽ ᑭᑎ ᐱᒥᑎᐱᐃᒪᒃᑲᒻᒪ ᐊᓂᒪ ᑲ ᐃᓐ ᐃᓯ ᐱᒧᑦᑕᑦᐃᕽ. ᐁᑲᐃᓐᓴᑐ ᐁᑲ ᒧᑎᑕᐁᓐᓴᑐ ᓂ ᑲ ᐃᓐᓂᑦᑕᐃᓐᓴᑐ ᒥᓓ ᐁᑲᐃᓐᓴᑐ ᐊᓕᓯᑦᑭᓀᓴᑐ ᓂ ᑌᑦᐃᓵᒃ ᐅᑦᐱᐊᑐ ᓂ ᑲ ᐃᑐᑦᑕᐃᓵᓵᑐ. ᐃᒪᑲ ᐃᓕᑦᐃᓵᓭᑐ ᓵᔪᒋᓂᓀ ᑭᑕ ᑲᓵᐊᓕᑦᑕᒪᕽ ᐃᑌ ᑭᑕ ᐃᓯ ᑭᒋᑌᔨᑦᑕᐃᓐᓄᕽ.

ᐃᓕᑦᐃᓵᓭᑐ ᐁᑲ ᐃᓕᑦᑲᒻ ᑭᕐ ᐊᓕᑭᒋᑭᓯᑦᒃ ᑲᑭᑫ ᐱᐃᒪᓀᓯᐃᓐᓄ; ᐊᐢᑕ ᐃᒪᑲ ᒥᑦᑫᑊ ᐊᑐᒋᑫᐃᓕᓐᓂ ᐅ ᑕᒥᑦᐃᓂᐊᑦᑦᑫ ᒥᓓ ᒥᑦᑫᑊ ᒥᓂᑲᑌᔨᑦᑕᐃᓐᓂᓵᓐᓂ ᐊᓕᓴᑦᑕᐃᓐᓂᓵᓐᓂᑫ ᐁᑲᐃᓐᓴᑐ

ꝙb: σ b ρΛᵔbdᓀᑉ ρᓗ σbᑉ ρC ᓴρᑊᐃᑦˣ. ΔUᐳᑊC ᓄΛᒫLᑭᑊΔ∇·Γᓀᑉ Γᑐσ ρC ᑎVᐳΓdᔨˣ; bᑊPᓗ° σ ᒋᑐᓄᐳᑊᑭbσᓀᓀ b·ᓗᵔˤ ΔCᵔᒋ, Γᓀ bᑊPᓗ° Pᵔᑌᐳᒥᓂᐃ·ᑉ ᒪᵔbΓᓀᑉ. Γᐳᓀᑉ ρC ᒋV·ᐊ·ꝙᐳᑊCᒫˣ ∇ Γᓇ bᓀᐊ·<-Γᔨˣ ᐅC ᐊᵔPˣ, Γᓀ Δ·ᑭᑊΔᓀᑉ ρC <dϟᐳᒧᔨˣ ᑲPꝙ ΛᒫLᑎᓂΔ·ᑉ <ᑎᒫ. bᑊPᓗ° ᐅL ρ ᓀᑐCᒫLᑎᓀᑉ ∇ ᐊᵔ-Vᐳᒧᔨˣ ᓄΛᒫLᑭᑊΔ∇·Γᓀᑉ ᑭϟᵔ X. ∇ᑐᑉ.

∇ σᓂ ρᓂbˤ ᐅCdᓂ ᐊᓗΓᑊᐊΔ·ᑉ

ᐅ Lσᑐ ᑲ ρϟᐊ·ᑎᓂᓗᑉ Γᓀ ᑲ ρᑎᒫLꝙᐳᑊᑭꝙᓗᑉ ᓀL ꝙb: σᓗᓀᑉ σ′ ᐊᔨᓀᑉ ρC LΓᓂᔨˣ ᒫb Λd ᒋV· ∇ Δᓂᓀdᓂᔨˣ ρ V ᓀᑎᑎᓀᑉ; ∇ ᐊ·σᑊᑎᔨˣ σ ᓀᑐᓄᓀᑉ ρC >ᑐᓄᐳᑊCLΔ·ᔨˣ; ∇ ᓄϟΔ·ᓂᔨˣ σ ᓀᑐᑌᓀᑉ Lᵔbᐃ·-ᓂΔ·ᑉ; ∇ ρᑎᒫLᑭᓂᔨˣ ρ <dϟᐳΓᑎᓀᑉ ρC ρᑎᒫLᑭᓀΔ·ᔨˣ; ∇ ᑎVᐳΓdᔨˣ LPᑊᑎΔ·ᑉ Γᓀ σΛΔ·ᑉ ρ ᓀᑐCᒫLᑎᓀᑉ X ρC ΛᒫLᑭᑊΔdᔨˣ. Γᐳᓀᑉ ᒫb ᐅL ᑲ ᓀᑐCᒫLᒋˣ ρC ᐊ<Pᑊᐃdᔨˣ σ′ ᐊᑊᑲᑊdᓀˣ Γᓀ ᐊᓂP Γᐳᓄᑉ ᑲ bᓀᑎᓂ′ ρ′ ᐊᑊᑲˣ ρC ρᑊ ᓴdPᑊᒋᔨˣ σ LᒧᑎᓂΔ·σᓀᓀ, Γᓀ ᐊᵔᒋ σ ᑌᑊᐃᓀˣ Γᓇ ᒧᵔCᐁ·ᐳᑊCᒧΔ·ᓀ; ∇dᓂ ᒫb ∇

ᑲᓇᑦˣ ▽ ᐃᓗ ᓴᑭᐱᑦˣ ᒥᓇ ▽ ᐅᓐᑭ ᓂᐱᑦᐃᓕᑭᐅᑦˣ ᓂᓗ ᐊᐱᖏᓐᓄᓇˣ ᑭᑦ >ᓂᐱᑦᑦˣ ᒪᑭᐱᑎᐃᓕᓐ ᒥᓇ ᑭᑦ ᐱᒧᒪᓗᐅᑦˣ ᐅᓐᑭ ᐱ ᓯᒪᑎᓗᐅᓂˣ, ᑭᐅ ᑭᑦ ᑭᓐᑐᓴᐱᑦᑕᓄᐱᐃᑦᑕᑦˣ, ᐃᓕᐅ ᐅᐱᑭ ᑎᓴᓐ X ᑲ ᑎᐯᓴᒥᓄᐅᑦˣ. ▽ᒣᑦ.

▽ ᓂᓐᑐ ᑭᓗᑲᑎ ᓂᑭᓴᑦ ᐊᓴᒥᐱᐊᐃᓕᑐ

ᐃᒪᐅᓕᐅᓴᓐ ᓗᓵᐱᑲᑎᓗᓴᑐ ᒪᓂᑐ ᑲ ᐅᐱᑭᓐᑕᒪᓂᓴᑐ ᑲᐱᑭᓴᓂ ᒥᑦᓴᐅᓕᓐᓄᓗᑐ, ▽ ᑕᕐᐱᑌᓴᒧᑦˣ ᑭ ᓇᑐᑕᒪᓐᓀᑐ ᐊᓂᐱᐃ ᐅ ᒣᑭᐃᓇᓕ ᑲ ᑲᑦᓂᑲᑎᓀᑦ ᑭᑦ ᐊᐱᖏᓐᓄᓇ, ᐅ ᑕᐱᐱᐃᓀᑦ ᑭᑦ ᐊᐱᖏᓐᓄᓇ ᐅᐱᐃᓀᑦ ᑭᑦ ᐊᐱᖏᓐᓄᓇ. ᐃᓗᐱᐃᓀᑐ ᑭᑦ ᐊᐱᖏᓐᓄᓇ ᐅᐱᐃᓀᑦ ᑭᑦ ᐊᐱᖏᓐᓄᓇ. ᑭᐱᓂᐱᐊᒪᐃᓕᓐ ᓀᓇᐱᐃᐸᓕᐱᑦ, ᑲᓴᑦ ᑭᑦ ᐃᓗ ᐅᑎᓇᒪᑦ ᓂᓴᐱᑦᐃᓕᐸᓕᐱᑦ, ᐱᐃ ▽ ᐃᓗ ᐊᐱᖏᑦˣ ᒪᓴᑦ ᑭᑦ ᐃᑌᕐᐱᑦᑕᒪᑦˣ ᑭᑦ ▽ ᐃᓗ ᓇᑕᐯᓴᕐᐱᑦᑕᒪᑐ ᑲᑕ ᐃᓴ ᐃᐱᑦ, ᒥᓇ ᑭᑦ ᐃᓗ ᐊᐱᖏᓐᓄᓇ ᐃᓴᒥᒪ ᑲ ᑭᐱ ᐊᓗᑕᒪᑐ ᑲᑦᓂᑲᑎᓀᑦ ᑭᑦ ᐃᓗ ᐊᐱᖏᓐᓄᓇ ᑲᑦᓂᑲᑎᓀᑦ ᑭᑦ ᐃᓗ ᐊᐱᖏᓐᓄᓇ

ↄσἀˣ Γᓀ ∇ Δᓯ ᐱᐃᒪᑎᓯᓴˣ ᑭᑕ ᓀἀᓐᑯᒥᑕᐧˣ, Δ·ᓴ ᐅᑦᑭ ᑭᓴᐢ X. ∇ᒣᑦ.

∇ σᐢᑐ ᑭᓯᑲᑊ ᐅᑕᑯᓯ ᐊᓴᒥᑦᐊᐃᐧᑐ

ᐃᒪᒪ∇·ᓴᐢ ᓯᓭᑦᑲᒪᑎᓯᓴᑐ ᒥᓀ ᑲᑭᑫ ∇ᐃᓴᓴᑐ ᒪσᑐ, ᑭᓴ ᑲ ᒣᑭᓴᑐ ᑲᑦᑭᓴᓂ ᒥᓯᑭᓴᓂ ᒥᓀ ᒣᑭᐃ·ᓀ ᒥ ᓀ ᑲ ᓴᑦᑭᑦᑕᓴᑐ ᐊσᑦᐃ ∇ ᑭᑦ ᒣᑭᓴᑐ, ∇ ᑕᐸᑦᑌᓭᒪᐃˣ ᑭ ᕿᑯᓴᓭᒥᑎἀᐧᑐ ᑭᑕ ᓴᑦ-ᑭᑦᑐᐃ·ᓴˣ ᒋᐯ·ᑦᑕᒪᐃ·ᐧ, ᑭᑕ ᑭᑦ ᒋᐯ· ᒋᐯ·ᑦᑕᑕˣ ᒥᓀ ᑭᑕ ᒋᐯ·-ᑦᑕᒪˣ ᑲᑦᑭᓴᓂ ᑲ ᑭᑦ ᐃᓯ ᐊᓯᑕᒪᐃ·ᓴˣ. ᑭᓴ ᐱᑯ ∇ ᐃᓯ ᒣᑭᓴᑐ ᑲ ᑭᑦ ᑭᐧᑭᓂᓰᑦᐊᒪᑲᐃᐃ ᓴˣ ᑭᑕ ᒋᐯ·ᑦᑕᐊ·ᑭᑦᐟ ᑭᓴᐢ X ∇ᐊ·ᑯ ᐱᑯ ᒋᐯ· ∇ ᐱᒪᑦᑌᐃ∇·ᐟ ᒥᓀ ∇ ᐅᑎᓀˣ ᒪᑭᑦᑎ-ᐃ·ᓀ ᐊᐧᑭˣ ᐅᑦᑭ. ᓂᓯᑦᑲᒪᐃ·ᓀᐧ ᑕᑦᑐ ᑭᓯᑲᓰ ᐊᐊ·ᓯᒣ ᑭᑕ ᒋᐯ·ᑦᑕᒪˣ σ ᑌᑦᐃᓀˣ. ∇ᑲᐃ·ᓴ ᓀᐧᑕᓰ ٩ᑲ: ᐅᑦᐱᒣ σ ᑲ ᐃᐧᑦᑕᑦᐃᑯἀᓀᐧᑐ ᒪᑲ ᐃ·ᑭᑦᐃᓀᐧᑐ ᒥᑐᓂ ᑭᑕ ᒋᐯ·ᑦᑕᒪˣ ᑭᓯ ᐊᓯᑕᒪ٩ᐃ·ᓀ ᓄᐱᒪᑦᑌ∇·ᒥἀᐧᑐ ᐅᑦᑭ. ᒧᓴᑊ σ ᑲ ᐃ·ᐊᐧᑕᐃᓄᓀᐧᑐ ᐊσ ᒪ ᑲ ᐃ·ᑦᑕᒪᐃ·ᓴˣ ᑭᓯ ᐊᓴᒥᐃ·σˣ ᑭᑕ ᐊᐧᑕᐃᓄᑕᒪˣ, ᒥᓀ ᐃ·ᑭᑦᐃᓀᐧᑐ ᑭᑕ ᐃᓯ ᐅᐸᑭᑦᑕᒪˣ ᐅᒪ ᐱᒪᑎᓯᐃ·ᐧ ᑭᑕ ᒋᐯ·ᐊ·٩ᐳᑦᑕᒪˣ ᐊσᑦᐃ ᒥᐸ ٩ᑲ·ᓴ ᑲ ᐊᓯ-ᑕᒪᐊ·ᑭᑊ ᒋᐯ· ᐅᒋᐯ·ᑦᑕᒧᐊ·ᐧ ᑭᑦ ᐳσᐸᓂ٩ ᐅᒪ ᐱᒪᑎᓯ-ᐃ·ᐧ, ᐃ·ᓴ ᐅᑦᑭ ᑭᓴᐢ X ᑲ ᑎᐯᓂᒥᔪᓴˣ. ∇ᒣᑦ.

ᐁ ᓄᐅ ᑭᓯᑲᑦ ᓂᑭᓴᒃ ᐊᔭᒥᖏᐊᕐᓗᓐᓄ

ᐅ ᑲ ᑲᓇᑎᓯᔭᓄ ᒥᓇ ᐃᒪᐁ·ᔭᖏ ᓂᓴᐊ·ᑎᓯᔭᓄ ᐅᖏᑦᐃᓗ·ᐃᓚᓂ ᑲ ᑭᖏᓂᐊᖏᑕᓄ ᐁ ᐃᓯ ᓄᓴᐊ·ᖏᑭ ᓂ ᑌ ᖏᐃᓇᓇ, ᐁ ᑦᐸᐊᔭᒪᐃᓄᓇᓄ ᑭᑕ ᐃ·ᑭᖏᐃᔭᒃᑭᓴ ᐅᑲ ᑭᑕ ᐅᓴᒃᑐᐃᓄᓇᓴ ᒥᓴᑲᓯᑎᓇᓄ ᑭᑕ ᑭᖏᓂᐊᖏᑕᓄᓴᒃᑭᓴ ᒥᓴᑲᓯᑎᓇᓄ ᑭᑕ ᐃᓯ

ᐁ ᓄᐅ ᑭᓯᑦ ᐅᒋᑯᓯ ᐊᓴᒥᖏᐊᕐᓂ

ᐅ ᑌᐯᔨᖏᑫᓴᑦ ᓂᖏᒋᐃᓕᓀᑦ ᑭᖏᑭᑭᓯᑯˣ, ᑭᓴ ᐱᑯ ᑲᔪᓴᑦ ᕿ ᑭᖏ ᐃᑐᖏᖏᐃᓱᓴˣ, ᐁ ᑕᐸᖏᑌᔨᒧᓴˣ ᑭ ᓇᑐᒋᒪᑎᓀᑦ ᑭᑦ ᓂ-ᓯᖏᑲᒪᐃᓕᓴˣ ᒋᐯᔪ ᑭᑦ ᑭᖏ ᒥᑎᒣᓴˣ ᑯᓴᓯᐁᔪᐃᓀ. ᑭᐣᑭ-ᓂᖏᑕᖏᐃᓀᑦ ᐁᑲ ᑭᑦ ᐊᔪᓀᐊᒣᓴˣ. ᐊᔨᑭᖏᐃᓀᑦ ᐁᑲ ᑭᑦ ᐄᕿᔪᓕᓴˣ. ᓯᑐᓂᓀᑦ ᐁᑲ ᑭᑦ ᕿᖏᑭᓯᓀˣ. ᐱᒋᒪᖏᐃᓀᑦ ᒥᓀ ᒥᔨᓀᑦ ᒪᐣᑲᐃᔪᓯᐃᓕᒋˣ ᑲᖏᑭᓴᓂ ᒥᓄ ᓀᓀ-ᖏᐃᖏᑕᒧᐃᔪᑦ, ᒥᓀ ᐃᓯ ᑲᓀᐁᔪᔨᒥᓀᑦ ᑭᑦ ᐱᒥ ᑎᕀᖏᐊᒋˣ ᑲᖏᑭᓴᓂ ᒥᓄ ᕿᔪ, ᐁᑲᐃᔪ ᒪᓀᐯᔪᑎᐃᔪᑦ ᓂ ᑲ ᐃᔪ ᑎᐯ-ᔨᒥᔪᓀᑦ ᒋᒪ ᐃᔪᖏᐃᓀᑦ ᑭᓴ ᑭᑦ ᐊᑐᐣᕿᐣᑕᑯˣ, ᑭᑦ ᑭᖏ ᓂᔪᖏᑕᑯˣ ᐯᖏᑲᑎᓯᐃᔪᑦ ᖁᑲᔪ ᐅᑕ ᐊᐣᑭˣ ᐁ ᐱᒋᑎᓯᑯˣ ᒥᓀ ᐃᐣᑲᔪ-ᑭᑦ ᐊᑲᑯˣ ᑲᑭᕿᖏ ᐱᒋᑎᓯᐃᔪ, ᐃᔪᓴ ᐅᖏᑭ ᑎᐯ **X** ᑲ ᑎᐯᔨᒥᔪᑯˣ. ᐁᖏᑭ.

ᐁ ᓂᔨᓪᓓ ᑭᓯᑲ ᖃᑭᓱᑦ ᐊᓴᒥᖏᐊᕐᓂ

ᒥᒪᐁᔪᓴᑦ ᓯᓪᖏᑲᑎᓯᓴᑦ ᒪᓂᑐ ᑲ ᑌᐯᔨᖏᒪᑦ ᐊᑐᐣᕿᐃᔪᑦ, ᒥᓀ ᑲ ᑭᖏ ᐃᑕᓯᐊᔪᑕᖏᑦ ᕿ ᑭᐣᑭᓂᖏᒪᐊᔪᑲᔪᑦ ᑭᑦ ᐃᑐᖏᑌᑦ ᒥᓯᐁᑎᑦ ᒥᓀ ᑭᑦ ᐃᔪᑦ ᑕᒪᐊᔪᑦᑕ ᒥᔨᔪᑕᖏᐃᓀᑦ ᑲᖏᑭᓴᓂ ᐊᔨᓯᔨᓂᐃᔪᑦ ᐃᑎᑲᔪᑦᑕ ᐃᑎᑲᔪᑦᑕ ᕿ ᑭᑦ ᐃᔪᑦ ᐃᔪ

ᐊᑐᖁᑦᐃᐅᒃᐃ·ᐃ·ᓂˣ. ᒥᓀ ᐄᒪᒪᐅ·ᓴᒃ ᓯᔪᑦᑲᑎᓯᓴᓐ ᐅᐱᐄᒪ ᑭᑦᐃᐅᒃ·ᓄ ᑲ ᑭᑦ ᑭᒃᐱᓀᑕᑭᑦ ᑲᑦᐃᓴᓄᐊᒃ·ᑦ ᑭ ᒥᑦᔪ ᐅᑦᑭ ᑎᐱᐅᑕ ᑲ ᑭᑦ ᐊᔪᑕᒪᖏᓐ ᑭᑕ ᐃ·ᖁᐊ·ᑭᑦ ᑲᑦᐱᓴᓄ ᑲ ᓀᑕᐃ· ᑲᖁᒃᑭᒥᐅ·ᑭᑦ ᑭᓗ ᐊᓴᒥᐃᓐᓵ. ᐃ·ᖁᐃ·ᑦ ᑭᓗ ᐊᑐᖁᖃ-ᐅᑲᓀᑦ ᖁᑲ·ᒧ ᐃᑕ ᐁᑲ ᐁ ᐊᓴᒥᑦᐊᐃᐃ·ᑦᑦ, ᑲᔪᒃᕿᓀᑕᓂˣ ᒥᓀ ᐁ ᐊᑲᑦᑭ ᐊᑦᑭˣ ᐊᑦᐳ ᓂᐱˣ, ᑭᒃᐱᑐ ᒥᓀ ᐁ ᐊᑦᔪ ᔪᑭᑦ ᐁ ᐊᔨᓵᑦᔪᑭᑦ ᐊᑦᐳ ᐁᑲ ᐁ ᓀᑦᐁᓴᑦᑕᑦᑭᒃᑦ. ᑭᑎᒧᑭ-ᓀᐃᓀᑦ ᒥᓀ ᐃᑎᑭᑦ ᐊᓐᓴᑦᐊᒪᐃᐃ·ᑦ ᑲᑭ ᐊᑦᐳᑦᑕᑦᑭᑦ. ᑭᑎᒧᑭ-ᓀᐃᓀᑦ ᒥᓀ ᐃᑎᑭᑦ ᐊᑦᐳᑦᑕᑦᑭᑦ ᐊᑦᐳ ᐁᑲ ᐁ ᐊᔨᓵᑦᔪ

∇ σᓴᓇᓄ ρᓯᑲᑦ ᐅᑦᑯᓯ ᐊᓴᒥᖏᐊᕐᓐᓄ

ᐅ ᒪσᑐ ᓄᖏᑦᐃᕐᓇᑐ ρᖏᑭρᓯᑯˣ ᑲ ᑎᐯᓵᒥᒪᑊ ᐅᑊ ᐊᖏᐃᖏ-ᑯᐊᓕᐊ ᑲᖏρᓴᓂ ᑲ ᐅ ᐃᕐᓴᓯᑊ, ρ ᓇᑐ ᑕᒪᑎᓇᑐ ρᑦ ᑲᓇᐁᕐᓵ-ᒪᒋᑊ ᑲᖏρᓴᓂ ᐊᓵᒥᓯᐃᕐσˣ ᐁᓴᐊᕐᑫ ᐅᓴᑦ ᐅᑎ ᑲᖏρᓴᓂ σ ᑐᑌᒥᓇᓇᑊ ᒥᓇ σ ᐊᕐᖏᑦᒪᓇᑲσᓇᓇᑊ. ρ ᓇᑐᑕᒪᑎᓇᑐ ρᑦ ᓯᑌᕐᓵᒍᖏᖏᑊ ᒥᓇ ρᑦ ᐅᖏᑭᑦᒪᐊᕐᑭᑊ ᐁ ᐃᓯ ρᕐᑕᒋᑊ ᑲᑦ ᐃᕐ ᒍᓯᖏᑕᐊᕐᑊ ᒪᑲ ρ ρᓴᐊᕐᑎᓯᐃᕐᓐᓄ. ᑲᓇᒋᖏᐃᐁᑊ ρ ᓇᑐᑕᒪᑎᓇᑐ ᐃᕐᓵᐃᕐᐊᕐᓵˣ ᒥᓇ ᐅᑦ ᐊᖏᐃᖏᖏᐊᕐᓵˣ. ᑲᓇᐁᕐᒥᓂᑊ ᐁᑲ ᑕᒪᑎᓇᑐ ᐃᕐᓵᐃᕐᐊᕐᓵˣ ᐁ ᐃᓯ ᑭᕐᑕᒪᐊᕐᑭᑊ ᐁ ᐃᓯ ᒥᓇ ᑭᕐᑕᒪᐊᕐᑭᑊ ᑲᑦ ᐃᕐ ᐅᖏᑭᑦ

ᐃᓗ ᓄᓴᐃᓕᓗᐊᖅ ᓂᓗ ᐊᓐᓇᓐᓂᑯᓭᖅ ᓇᒪᐃᓕᖅ ᑭᐯᓕ ᑭ ᑭᓐ ᓭ ᑎᑎᓭᔪ; ᒥᑎᒪᓐᐱᑌᐊᓕ ᐅᑕ ᐊᔪᑭᖅ ᓂ ᑌᓐᐃᓭᓇ; ᐁᑯᓗ ᒥᓐᓀᑦᓂ ᓂ ᑐᓂᓭᖅ ᐁ ᐊᖏᒥᓐᐊᑦᖅ ᐱᑐᑦ ᑫᒃ: ᓂ ᒥᑐᓄᑦᓐ-ᑌᓭᔪ. ᐅ ᑌᐯᓕᓐᑭᑫᖏᑐ ᐅᑎᓇ ᐅᒪ ᓂ ᕿᓵᑕᐁᓕᓐᓕᒪᐃᓵ-ᓂᓭᔪ. ᐃᓵᑭᓐᐃᓭᔪ ᑲᓵᖏᑦ ᑭᑕ ᑭᓐ ᒪᐃᓵᒧᑕᒪᓗᓕᓵᖅ. ᑭᓐᑭ-ᓄᓐᐊᒪᐃᓵᓭᔪ ᑭᑕ ᐃᓗ ᐊᖏᒥᓐᐊᑦᖅ ᒥᓇ ᑫᒃ: ᑭᑕ ᓇᔪᑕᒪᙵ. ᐁᑲᐃᓵᖅ ᓂ ᑲ ᐅᓴᒧᓕᓐᑌᓭᔪ ᓭᔪᑕᓂ ᑫᒃ: ᐊᓐᑭᙵ ᑲ ᐊᑦᖏ ᐄᒃ ᐃᓵᑭᓐᐃᓭᔪ ᑭᑕ ᒧᓐᑕᐁᓕᓐᑕᒪᙵ ᐱᐧ ᐊᓂ"ᐃ ᒥᓇ ᑫᒃᖅ ᑲ ᑭ ᐊᓗᑕᒪᐊᓵᑭᖏ, ᐃᓵᖅ ᐅᐦᑭ **ᑭᓴᓐ X** ᑲ ᑎᐯᓕᓐᓂᑯᓭᖅ. ᐁᒧᑭ.

ᐁ ᓂᑯᒋᓵᓗ ᑭᓗᑲᖏᑦ ᐅᒋᑯᓗ ᐊᖏᒥᓐᐊᐃᓵᑐ

ᐄᒪᒪᐁᓵᖅᓐ ᑫᓴᐊᓵᑎᓂᓗᖏᑦ ᒪᓂᑐ ᑲ ᓂᐦᒋᐃᓵᑭᐦᒋᖏᑦ ᑲᐦᑭᑭᐦᐱᑭᐦᖅᓂ ᑭᓴᐊᓵᑎᓂᓗᐃᓵᓭ, ᐃᓵᒥᐦᐃᓭᔪ ᒥᑕ ᐁ ᐊᑎ ᒥᐅᖏᓐᑲᓪᒪᙵ ᐅᒪ ᑲ ᐃᓐᐸᓐᓗ ᑭᓂ ᓭᓴᐦᓂᒥᒋᙵ ᐁ ᑭ ᐊᑦ ᐃᓗ ᐁᓵᒪᐸᓐᑭ ᓂ ᐊᓵᓂᐦᑎᐃᓵᓂᓭᓭ ᓂ ᓄᐦᑌᐸᓐᐃᓵᓂᓭᓭ ᒥᑕ ᓂ ᑲᑫᐸᑎᓂᐃᓵᓂᓭᓭ. ᒋᓂᓐᔪᙵ ᑭ ᑭᑎᓪᒪᑭᓭᐃᓵᖏ ᓂᔪᐃᓵᓭᙵ ᒥᑕ ᓂᐦ ᐊᖏᒥᓐᐊᐃᓵᖅ; ᓭᒪᐃᓵᐦᑲ ᐳᓂᐸᓐᓄ ᑭ ᓇᑭᐦᐃᐁᓵᓵᖅ. ᐃᓵᑭᐦᐃᓭᔪ ᐄᒃ ᐅᒪ ᑫ ᐊᑎ ᐊᔪᒥᐦᐁᑭᓂᑲᙶ;

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ᐁᑲᐃᓕᓴ ᓂᑲ: ᓂ ᑲ ᐊᓕᑦᐃᐃᑯᓕᒃ ᐊᑦᓴ ᓂ ᑲ ᓕᐱᑦᑭᑦᐃᓕ-ᑲᓕᒃ ᑭᑦ ᐅᑦᑎᓗᓂᔪᕽ ᐊᓂᒪ ᓀ ᐃᐸᒥᑦᐃᓕᑯᓂᔪᕽ ᓂᓗ ᐊᑦᑎᒍᑦᑯᓕᕽ; ᐃᓕᑭᑦᐃᓕᒃ ᑭᑦ ᐸᓕᑎᓕᒧᕽ ᑲᑦᓴᐅᓂᓗ ᓂᓗ ᐊᑐᑭᓗᐃᓕᓕ ᐅᑦ ᐊᑦᓕᕽ ᒥᓕ ᐁᑲᐃᓕᓴ ᓂ ᑲ ᐃᓗ ᐅᑦᒥᓐᓴᑦᑭᒥᐃᓕᒃ. ᒥᔪᓕᒃ ᑭᑦ ᒥᔾ ᓂᔪᑦᑎᓗᓂᔪᕽ ᐅᒪ ᑲ ᑎᐱᓐᑲᓗ ᒥᓕ ᑭᓐᓕᓗ ᒥᔾ ᑯᑯᓐᑲᑦᑐᓂᑲᓗ ᓕᔾ ᓕ ᑲ ᐃᓗ ᒥᑐᔪᒥᑎᓕᒃ ᐁ ᐃᔪᓗ ᔪᐱᔾᐁᓐᓇᓐᔪᕽ ᐁᓐᔪᑦᑕᐃᓐᔾᕽ ᐁᓐᔪᑦᑕᐃᓐᔾᕽ. ᐅ ᑌᐯᔪᑦᑭᕽᔾᕽ ᓕᔾ ᓕ ᐃᓗ ᒪᒥᔪᑦᑕᐃᓐᔾᕽ ᐃᓐᓇ ᐅᑦ ᐊᑦᓕᕽ ᓕᔾ ᐅᑦᒥᓐᓴᑦᑭᒥᐃᓕᒃ ᐃᓗ ᐅᑦ ᐊᑦᓕᕽ ᒥᒪᔪᑦᑕᐃᓐᔾᕽ. ᐅᑦᒥᓐᓴᑦᑭᒥᐃᓕᒃ ᓕᔾ ᓕ ᐃᓗ ᒪᒥᔪᑦᑕᐃᓐᔾᕽ ᐃᓐᓇ ᐅᑦ ᐊᑦᓕᕽ ᒥᒪᔪᑦᑕᐃᓐᔾᕽ. ᐅᑦᒥᓐᓴᑦᑭᒥᐃᓕᒃ.

ᐊᐃᓐᔪᓂ ᐅᓗ ᐊᔾᒥᑦᐃᐃᓐᓄ

ᐅ ᑌᐯᔪᑦᑭᕽᔾᕽ ᒪᓂᓄ ᑲ ᓕᑦᑦ ᐅᔪᑦᑦᓯᔾᕽ ᒥᑦᓕᔾᓂᔪᕽ ᓕᔪᓄᓂᒃ ᓕᔾ ᓕ ᐃᓗ ᐅᔪᑦᑦᓯᔾᕽ, ᓕ ᓀᓀᓂᔪᒥᑎᓂᔪᕽ ᐅ ᑲᓀᐅᓐᔪᒥᑎᔾᕽ ᓂᔾᔾᐅ ᐅ ᐊᒪᒪᑦᑦᓯᔾᕽ. ᑲᓀᐅᓐᔪᒥᑎᓄ ᐅ ᑌᐯᔪᑦᑭᕽᔾᕽ ᓂ ᔾᐃᓐᒃ ᐅᑦ ᓂᔪᑦᑦᓯᔾᕽ, ᐃᓐᓇᑦᑕᐃᓐᔾᕽ ᑭᑦ ᒥᔾ ᐊᑦᓕᕽ ᐊᐃᓐᔪᓂᔪᕽᔾᕽ ᐅᑦ ᓕᔾ ᒧᐃᓂ ᑭᑦ ᑲᓂᓕ ᓀᑦᐃᓐᓇᐃᓐᔾᕽᐅᓐᓇ ᑦᓄ, ᐃᓐᓇ ᐅᑦᒥᓐᓴᑦᑭᒥᐃᓕᒃ ᐅᑦ ᐅᑦᒥᓐᓴᑦᑭᒥᐃᓕᒃ.

ᐊᔾᒥᑦᐃᐃᓐᓄ ᒪᓐᔪᓂ ᒥᑦᔪᓗᒃ

ᑭᑎᒪᑭᓀᐃᓐᓀᓂᔪᕽ ᐅ ᑌᐯᔪᑦᑭᕽᔾᕽ ᔨᓀ ᐃᑌᔪᑦᑕ ᐅᑦᐅ ᓕ ᑭᔪᐊᓐᑎᓂᔪᐃᓐᓀ ᑭᑦ ᒥᓐᓴᑦᑭᒥᐃᓕᒃ, ᐃᓐᓇ ᐅᑦᒥᓐᓴᑦᑭᒥᐃᓕᒃ ᕽ ᑎᐯᔪᑦᑭᒥᐃᓕᒃ. ᐁᑲᐃᓕᓴ.

ᓇᓇᒃᑯᒧᒫᐃᓐᓄ ᐁ ᐳᓂ ᒥᒥᓯᙵ

ᑭ ᓇᓇᒃᑯᒥᑎᓇᓄ ᐅ ᑌᐯᐸᐦᑭᑫᓴᓄ ᐅᒪ ᑲ ᑭᐦ ᐃᓯ ᐊᓴᒥ-
ᓴᙵ ᒥᐸᓇᓄ ᒥᓇ ᒪᐢᒃᐃᐧᓯᐃᐧᓄ ᓂᓯ ᐊᐦᐁᖏᐦᑯᓇᙵ, ᐃᐧᓴ ᐅᐦᑎ
ᑭᓴᐢ X ᑲ ᑎᐯᐸᒥᑯᓴᙵ. ᐁᒣᓄ.

ᑫᑭᓴᑦ ᐊᓴᒥᐦᐊᐃᓐᓄ ᒪᐧᓴᐢ ᐅᑎᓂᒃᑌᐢ

ᑭᐦᑎ ᐃᓯᐦᑦᐧᐃᓐᓄ

ᐅ ᑫᓴᐊᐧᑎᑎᓯᓴᓄ ᒪᓂᓄ, ᐁ ᐃᓯ ᑭᑎᒪᑭᓇᐊᐧᐣ ᐊᐸᓯᐸᓂᓂᐧ
ᒃ ᑭᐦ ᐅᓴᑭᐦᑕᒪᓄ ᒃᓇᒥ ᐃᓯᐦᑦᐧᐃᐧᓇ ᑭᑦ ᐅᐦᑎ ᒪᐢᒃᐃᐧᓯᓴᙵ
ᓂᐣ ᕫ ᓗᑦᒪᙵ ᑭ ᒥᑎᓯᓯᐦᑎᐢ ᐊᓂᐦᐢ ᒃ ᑭᓯᒃᐢ ᑭᑦ ᑭᐦ ᒋᐯᐧ
ᐊᐣ ᐸᑎᐦᐃᑯᓴᙵ ᐅᒪ ᕫ ᐃᓯ ᐃᐧᑭᐦᐃᐁᐧᓴᙵ. ᓂ ᑭᔆᕫᐦᑌ-
ᓇᓄ ᐅ ᑌᐯᐸᐦᑭᑫᓴᓄ ᐁᒃ ᐁ ᑌᐸᕫᐦᒋᑯᓯᓴᙵ, ᒪᒃ ᐊᑦ ᐁ
ᑯᔆᒪᙵ ᑭᑦ ᓇᒪᙵ ᐁ ᐃᓯ ᒪᑭᐦᑎᓴᙵ ᐁᓯᐁᐧᙵ ᒥᓇ ᐁ ᐃᓯ
ᑭᑎᒪᑭᓯᓴᙵ ᓂᓯ ᐊᐦᐁᖏᐦᑯᓇᙵ ᓂ ᑯᔆᑌᓇ ᑭᑦ ᑭᐦ ᒋᐯᐧ.
ᐁᑯᓯ ᒪᒃ ᐅ ᕫᓴᐊᐧᑎᑎᓯᓴᓄ ᑲᓂᓄ ᑭ ᐯ ᓇᑎᑎᓇᓄ ᒋᐯᐧ ᐱᑯ
ᐁ ᐃᓯ ᑭᑎᒪᑭᓯᓴᙵ; ᐅᐦᑭᔆᒥᒪᐃᐧᓀᓄ ᒪᒃ ᒃᐦᑭᓴᐦᐣ ᐱᑯ ᐁ
ᐃᓯ ᐊᐧᓵᐦᐊᐦᒥᓄ ᐁ ᐃᓯ ᑭᐧᒥᒪᙵᐢ ᓂᓯ ᐊᐦᐁᖏᐦᑯᓇᙵ, ᐃᑌᐸᐦᒋ
ᒥᓇ ᐅ ᑌᐯᐸᐦᑭᑫᓴᓄ ᒃᐦᑭᓴᐦᐣ ᐊᓂᐦᐢ ᒃ ᑭᓯᒃᐢ ᕫ ᐃᐧᑭᐦᐃ
ᐁᐧᑭᐢ ᐅᒪ ᑭᐦ ᐃᓯ ᐃᐧᑭᐦᐃᐁᐧᓴᙵ ᑭᒥ ᒋᐯᐧ ᐊᓯᒥᑭᑎᒥᐢ ᑭᓯ ᐃᓵᓂᒪ
ᒃᑭᕫ ᒥᔪᐧᓵᒪᐃᐧᓂᙵ, ᐃᐧᓴ ᐅᐦᑎ ᑲᓂᓄ ᐯ ᐃᓯᐦᑦᐧᐃᐧᓯᓴᙵ.
ᐁᒣᓄ.

ᐅᒋᑯᓗ ᐊᓴᒥᖏᐊᐃᓐ ᐁ ᑭᖏ ᐅᑎᓂᑲᑐᑌᓵ

ᑭᖏᑭ ᐃᓗᖏᒍᐧᐃᓐ

ᓂ ᑌᖏᐃᓀᙵˣ ᐅᖏᑭ ᑭ ᓀᓀᔪᑎᒥᑎᓀᓐ ᐅ ᕿᓴᐊᐧᑎᓂᓗᓴᓐ ᐅᖏᒋᐃᐧᓚᓂ ᑲ ᑭᖏ ᐃᓗ ᐅᑎᓴᐸᖏᑎᓂᓵᓴᓚˣ ᒥᓀ (ᖏᓐ) ᑲ ᑭᖏ ᓀᒋᒪˣ ᑭ ᒥᒥᓗᐃᐧᓀᖏᑌᓵ ᐊᓂᖏᑌᓵ ᑲ. ᐅ ᑌᐯᓵᖏᑭᕿᓴᓐ ᓀᒪᐃᐧᓴ ᓂ ᑌᐸᕿᖏᒋᐊᓗᓀᓐ ᓀᔪᒋᓂ ᑭᒋ ᐃᓗ ᐊᑐᑫᑦᒋˣ, ᓯᒃ ᑭ ᓀᔪᒋᒪᑎᓀᓐ ᑭᒋ ᒥᓪ ᑲᓀᐊᐧᐸᖏᒪᓐ ᐅᒪ ᐁ ᐃᑕᑌᑦ ᑭᒋ ᐃᓗ ᐅᑎᖏᒋᒪˣ. ᐅᓂᓵᖏᒋᒥᓀᓐ ᒥᒥ ᐁ ᐊᐧᐸᖏᒋᐊᓗᓀᓐ ᐁ ᐅᑎᖏᒋᒪˣ ᓂᓪ ᐊᖏᑫᐧᐃᓐ ᑭ ᒪᑐᐃᐧᓂᐧᐃᑐᒪˣ ᓂᓪ ᐊᖏᑫᐧᐃᓐᐧᐃᓐ ᑭ ᐊᐧᐃᑐᐧᐃᐧᑲˣ. ᐅᑌᓵᖏᒋ ᒪᓂᐧ ᑭᒋ ᒪᑐᐃᐧᓂᐧᐃᑐᒪˣ ᐃᐧᓴᓂ ᒥᓀ ᐅ ᒥᖏᐧᑯ ᓄᐱᒪᑎᒥᐃᐧᐁᐧᒥᓀᓐ ᐣᓵᑐ ᑭᒋ ᑭᖏ ᐅᑎᖏᒋᒪˣ ᐃᓗᑭᑫ ᐱᒪᓂᑎᐃᐧᓐ, ᐃᐧᓴᓂ ᐅᖏᒋᒥᓀᓐ ᑭᒋ ᒥᓀ ᐅᑎᖏᒋᒪˣ ᐁ ᐃᓗ ᐅᑎᖏᒋᒪˣ. ᐁᒣᑭ.

ᑫᑭᓂᒋ ᐊᓴᒥᖏᐊᐃᓐ ᐊᐃᐧᓴᓂ ᐁ ᐃᐧ ᓂᑲᖏᐊᐧᖏᒋᓂᐧᐣ

ᐅ ᑲ ᑲᓀᑎᓂᓴᓐ ᒥᓀ ᒪᒪᐁᐧᓴᓂ ᑫᓂᐊᐧᑎᓂᓴᓐ ᐅᖏᒋᐃᐧᓚᓂ, ᑲ ᐁᐧᓂᐧᑎᓀᒪᐊᐧᑎᓂ ᑭᓂᐊᐧᑎᓂᓴᓐ ᑲᖏᑭᓴᐧᓂ ᑲ ᓀᓀᔪᒥᐧᑭ, ᐁ ᒡᒋᖏᐸᒥᓂᐧᑎˣ ᑭ ᓀᔪᒋᒪᑎᓀᓀᓐ ᑭᒋ ᓀᔪᖏᒪᓂᐧᐣ ᐅᐣ ᐊᓴᒥᖏᐊᐃᓐ ᐊᐊᐧᓴᓂ ᐊᓚᖏᖏᐊᐃᓐᐧᑎᓂᐧᐣ, ᒥᓀ ᐃᑕᑌᑦ ᑭᒋ ᐃᓗ ᐅᑎᖏᒋᒪˣ ᑲ ᓀᔪᒋᒪᑎᓀᓀᓐ ᑭᒋ ᓀᔪᖏᒪᓂᐧᐣ ᐅᐣ ᐊᓴᒥᖏᐊᐃᓐ ᐊᐊᐧᓴᓂ ᐊᓚᖏᖏᐊᐃᓐᐧᑎᓂᐧᐣ ᑭᒋ ᐃᓗ ᐅᑎᖏᒋᒪˣ ᐃᓗᑭᑫ ᐱᒪᓂᑎᐃᐧᓐ ᑭᒋ ᐃᓗ ᐅᑎᖏᒋᒪˣ ᐁ

ᐅ ᒪᑭᐣᑎᐃᓐᓂ ᒥᓂ ᑭᑦ ᐅᖏᑭ ᓂᐣᒋᐃᓐᑭᑦ ᐅᑦ ᐊᐣᐱᐣᑯˣ. ᑭᓱᐯᑭᔪ ᒥᓂ ᑲᓇᑭᐣ ᑲ ᑲᓇᑎᓱᓕᑦ ᑭᑦ ᐊᐣᐱᐣᑲ. ᐅᐣᑭ ᑭᐃ ᐊᐯᐧ ᐊᓱᑕᑭᒥᐣᑦ ᑲ ᒋᐯᐧᐣᑕᓕᑦ ᑭᑦ ᐊᐃᐧᓱᒥᕆ, ᐃᐧᔭ ᐅᐣᑭ ᑎᕆᐧ X ᑲ ᑎᐯᓕᒥᑯᔭˣ. ᐁᒣᔪ.

ᑫᑭᕆᒋ ᐊᔭᒥᐣᐊᐃᐧᔪ ᐊᐃᐧᔭᑦ ᐁ ᐃᐧ ᐊᓕᑭᐣᐃᐣᑦ

ᐄᒪᐁᐧᔭᐧᒋ ᓱᓯᐣᑲᑎᓱᕆᔪ ᒪᓂᔪ ᑭᔭ ᐋᑯ ᕿ ᑭᐣ ᒣᑭᕆᔪ ᒪᐧᑲᐃᐧᓱᐃᐧᔪ ᒥᓂ ᐯᐣᑲᑎᓱᐃᐧᔪ, ᑭ ᓀᔪᑕᐄᒪᑎᓀᔪ ᑭᑦ ᐃᐧᑭᐣᐊᐣ ᐊᐊᐧ ᐊᓄᐣᒃ ᑲ ᑭᓱᑲᑦ ᑲ ᐃᐧ ᐅᑎᓀᒪᓱᐣ ᐊᓂᐣᐃ ᐊᓱᑕᐄᒪᕿ-ᐃᐧᓀ ᑲ ᑭᐣ ᐃᑌᐧᑕᐄᒪᐣᐣ ᐁ ᓱᑲᐣᐊᐣᑕᐣᐣ. ᐅ ᒪᓂᔪ ᑭ ᓀᔪᑕ-ᐄᒪᓀᔪ ᑭᑦ ᑭᐧᑫᐅᐣᑕᒧᐣᐊᐣ ᐁ ᐃᐧᓱ ᓄᓴᐊᐧᑎᓱᐣ ᒥᓂ ᐁ ᐃᐧᓱ ᑭᑎᐄᒪᑭᐣ ᑭᔭ ᒪᓴᐣ ᑭᑦ ᒪᒥᓱᑕᐣᑦ. ᑲᓀᐁᐧᔭᑦ ᐁᑲ ᑭᑦ ᐄᓴᒥᐣᐃᔨᐣ ᓀᔪᑕ ᑫᑲ: ᐁ ᐄᔦᑕᓂᔭᐧ ᒥᓂ ᐃᑌᔭᐣᑕ ᑲ ᑲᓀ-ᑎᓱᔭᐧ ᑭᐣ ᐊᐣᐱᐣᑲ. ᑭᑦ ᐃᐧᑭᐣᐃᔨ ᒥᓂ ᑭᑦ ᓂᐣᒋᐃᐧᑭᐣᐃᔨ ᐱᔭᑦ ᑭᑕ ᐅᑎᐣᑦˣ ᑲᑭᑫ ᐱᐄᒪᓱᐃᐧᔪ ᐃᐧᔭ ᐅᐣᑭ ᑎᕆᐧ X ᑲ ᑎᐯᓕᒥᑯᔭˣ. ᐁᒣᔪ.

ᑫᑭᕆᒋ ᐊᔭᒥᐣᒋᐃᐧᔪ ᐊᐃᐧᔭᑦ ᐁ ᐃᐧ ᑭᐣᑭ ᐃᐧᑭᐣᐃᔨ

ᐄᒉ ᐁᐧᔭᑦ ᓱᓯᐣᑲᑎᓱᕆᔪ ᒪᓂᔪ, ᑭᔭ ᓂᑦᑕ ᐁ ᐊᑦᑭᐊᐧˣ ᑲ ᑭᐣ ᐅᓱᐣᐊᑭᐣ ᓂᓱ ᐊᔭᓱᔭᓂᐊᐧᐣ ᒥᓂ ᑲ ᑭᐣ ᐃᐧᑫᐣᐊᑭᐣ ᐃᐧᓂᑭᐣᑦˣ, ᑭ ᓀᔪᑕᐄᒪᑎᓀᔪ ᑭᑦ ᑭᑎᐄᒪᑫᐊᐧᑭᐣ ᐅᑯ ᑭᓱ ᐊᐣᑭᑦᑫᔪᔨᐣ ᐊᓄᐣᒃ ᑲ ᑭᐣ ᐃᐧᑫᐣᐊᑭᐣ ᑭᑦ ᑭᐣᐣ, ᐅ ᑌᐯᔭᐣᑭᑫᔪᔨᐣ ᓱᑭᓀᐃᐧᐣᐣ ᐁ ᐃᐧᓱ ᐁᐧᓱᐧᑦˣ ᑭ ᓱᐁᐧᔭᐣᑦ

ᑫᐃᓐ. ᒥᓂᑦ ᐱᐦᑲᑎᓂᐃᓐ ᒥᓇ ᐃᓐᑭᐦᐃᑦ ᑭᑦ ᑭᐦ ᓇᐦᐃᓴᖅ-ᐁᓐᐦᐃᑎᑭᑦ ᐃᓐᖅᓴᐃᓐᑯᐠᙳ ᒥᓇ ᐅᐟ ᐊᐦᐄᐦᑯᑯᐠᙳ ᐃᓐᖅ ᐅᐦᑭ ᑲᓴᐣ X ᑲ ᑎᐱᓂᒥᑯᓴᙳ. ᐁᑐᑦ.

ᐊᖅᒥᐦᑯᐃᐃᓐᑦ ᐊᐃᓐᖅᑦ ᐁ ᑯᐦᑯᓂᐟ

ᐄᒪᒪᐁᓐᖅᓴᙳ ᓂᓂᐦᑲᑎᓂᖅᓴᑦ ᒪᓂᑐ ᓄᐦᑕᐃᓐᓀᑦ ᑭᐦᑭᑭᓂᑯᙳ, ᑭᖅ ᑲ ᑎᐱᓂᓴᐦᓭᒪᑦ ᐱᐄᒪᓂᐃᓐᑦ ᒥᓇ ᓂᐱᐃᓐᑦ ᒥᓇ ᑲᐦᑭᖅᓱ ᐁ ᐃᓂᓂ ᐊᑲᖅᙵ, ᑭ ᓇᑐᑕᒪᑎᓀᑦ ᑭᑦ ᑲᓇᐊᓐᓭᒥᙵᙳ ᑭᐦᑭᑭᓂᑯᙳ ᐅᐦᑭ ᒥᓇ ᑭᑦ ᑭᑎᐄᑭᓇᐊᓐᓂᐟ ᐊᐊᓐ ᐊᓄᐦᒻ ᖃᑲᓐ ᐁᑲ ᑲ ᒥᓇ ᐊᑲᙵ, ᑭ ᓇᑐᑕᒪᑎᓀᑦ ᑭᑦ ᐃᓂᐟ ᐃᓐᑭᐦᐊᐠ ᐁᑲ ᑭᑦ ᐃᑎᑲᑌᓴᐦᐦ ᕀᙵ ᐅᒪ ᑭ ᑲᑫᑎᑭᐁᓐᐃᓐᑦ ᒥᓇ ᑭᑦ ᐅᑎᓇᒪᓐᐟ ᐅ ᐃᓐᓴᑫᓴᐦᐦ-ᕀᒧᐃᓐᑦ ᑭᑎᐃᑦ ᐃᑎᓴᐦᐦᒪᓄᑯ ᐁᑯᓂ ᑭᐦᑭᓐᑦ ᑭᑦ ᒥᑲᓂ ᒪᑎᑯᓂᓂ-ᐃᓐᑦ. ᐃᓐᑭᐦᐃᓇᓀᑦ ᐄᒃ ᑲᐦᑭᖅᓱ ᑭᑦ ᑕᐃᓐᐦᐃᑭᓇᐊᓐᓂᖅᙵ ᐅᒪ ᑭ ᑲᑫᑎᑭᒥᐁᓐᐃᓐᑦ ᐊᐊᓂᓗ ᑭᑦ ᑮᐁᐦᐦᑮᙵ, ᐊᐊᓂᓗ ᑭᑦ ᒪᒥᓂᑕᐃᓐᑯᙳ-ᑮᙵ, ᐊᐊᓂᓗ ᑭᑦ ᑕᐸᐦᐦᑌᓴᒧᐃᓐᑦ ᒥᓇ ᑭᑦ ᖁᐦᑭ ᐅᐃᓐᙵ ᐁ ᓄᐦᑕᐃᓐᑦ. ᑲᐦᑭᖅᓱ ᑭ ᓇᑐᑕᒪᑎᓀᑦ ᐁ ᐊᓐᐁᓴᒧᐃᓐᑦ ᓄᐱᐄᒪᐃᐁᓐᐃᓐᑦ ᑭᓇ ᑲᐦᑭᖅᓱ X. ᐁᑐᑦ.

ᐊᖅᒥᐦᑯᐃᐃᓐᑦ ᐁ ᖃᐦᑲ ᐱᒧᑌᐦᐅᙵ

ᐅ ᑲᑭᑫ ᐁᐃᓴᑦ ᑌᐱᓴᐦᒪᑫᓴᑦ ᒪᓂᑐ, ᑭᖅ ᐱᑯ ᑲ ᑭᐦᐦ ᐅᓴᓐᑦᐃᓴᑦ ᑭᓯᑦ ᒥᓇ ᑲ ᑌᐱᓴᐦᐦᒪᓄᑯ ᐁ ᐃᓐᐦᑭᓯ ᒪᓯᑲᐟ, ᑭ ᑭᐢᑫᓴᐦᐦᑌᓄᑦ ᒪᓯᐟ ᐁ ᐃᓯ ᐃᓐᓴᓯ ᐃᐃᓐᖅᓴᑦ ᒪᓯᐟ ᐁ ᐃᓯ ᐃᐃᓐᖅᓴᑦ ᑭ ᐃᓐᐦᑭᓯᒉᑦ ᒪᓯᐟ

ᐃᑕ. ᑭ ᓇᑐᑦᒪᑎᓀᓐ ᑭᑕ ᑲᓇᐁᐧᓱᓂᒥᓴˣ ᖁᑲᐧᒡ ᐅᒪ ᐁ ᐱᒧᒍᑌᐅᓴˣ. ᒥᓂᓀᓐ ᑭᑕ ᓇᓇᑦᐃᐸᓂᓴˣ ᑭᐟᐱᓐ ᑭᓴ ᐃᑌ-ᓂᑌᑦᒪᓂᓐ ᒥᓇ ᐃᑌᓂᑌᑦ ᑭᑕ ᐃᐧᐃᑌᑭˣ ᑦᑌ) ᖃᑲ: ᐅᒪ ᑲ ᐃᐧ ᑲᖃᐧ ᑲᐟᑭᑌᒋᓴˣ ᐃᓂᑯᑌ ᐁ ᐊᐧᐸᑦᒪᒪᓐ ᑭᑕ ᓇᓇᑦᐃᐸᓂᐟ ᒥᓇ ᑭᑕ ᐊᐸᑭᑌᐃᑯᓴˣ. ᐅ ᑌᐯᓂᑌᑭᖃᓐ ᑭ ᐃᐧᑌ ᓇᓀᐟᑯᒥᑎᓀᓐ ᐁ ᑭᑌ ᐃᓯ ᐯ ᑲᓇᐃᐧᓱᓂᒥᓴˣ ᖃᓴᐱᒪ ᒥᓇ ᐃᓯ ᒥᓀᐧᐃᐧᐅᐧᓀᓐ, ᐁ ᐊᐟᐯᓂᓇᒧᓴˣ ᓂᐱᐃᑌᑎᐧᐃᐧᒡᑦᑕᑌᓀᓐ ᐁ ᑭᑌ ᐃᓯ ᐯ ᑲᓇᐃᐧᓱᓂᒥᓴˣ ᖃᓴᐱᒪ ᒥᓇ ᐅᑎᓇᐟ ᓂ ᑐᑌᒥᓀᓐ ᐊᓇᑦᒡ ᑲ ᓇᑲᑎᐧᐃᐧᐅᐧᐃᐧᐃᐧᒡ, ᐁ ᑭᑌ ᐃᓯ ᐯ ᑲᓇᐃᐧᓱᓂᒥᓴˣ ᖃᓴᐱᒪ ᒥᓇ ᐃᓯ ᒥᓀᐧᐃᐧᐅᐧᓀᓐ ᐁ ᐃᐧᐃᐧᐅᐧᐃᐧᐃᐧᒡ, ᐁ ᑭᑌ ᐃᓯ ᐯ ᑲᓇᐃᐧᓱᓂᒥᓴˣ ᖃᓴᐱᒪ ᒥᓇ ᐃᓯ ᒥᓀᐧᐃᐧᐅᐧᓀᓐ

MacKay,

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